



Canadian  
Intellectual Property  
Office

An Agency of  
Industry Canada

Office de la propriété  
intellectuelle  
du Canada

Un organisme  
d'Industrie Canada



# Canadian Patent Office Record

# La Gazette du Bureau des brevets

Vol. 132 No. 34 August 24, 2004

Vol. 132 N° 34 le 24 août 2004

Canada 

CIPO  OPIC

# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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

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

# Table of Contents

## Table des matières

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	11
Canadian Applications Open to Public Inspection	
Demandes canadiennes mises à la disponibilité du public .....	39
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale.....	63
Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	127
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	131
Index of Canadian Applications Open to Public Inspection	
Index des demandes canadiennes mises à la disponibilité du public.....	137
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	141
Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	153

## 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] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

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

## 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting [www.strategis.ic.gc.ca/patentsorder](http://www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

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

## 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

## 2. Code des pays

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

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

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site web au [www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

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

## 4. Commande de brevets par classe ou sous-classe

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

## Notices

### 5. Advice on Making a Patent Application

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

### 6. Licensing of Patents

#### Voluntary Licences

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

#### Compulsory Licences

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

### 7. Patents Available for Licence or Sale

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

### 8. List of Patents Available for Licence or Sale

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

**2,289,991**  
**2,364,033**

### 5. Conseils relatifs à la préparation de demandes de brevets

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

### 6. Octroi de licences en vertu des brevets

#### Licences librement accordées

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

#### Licences obligatoires

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

### 7. Brevets disponibles pour licence ou vente

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

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

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

**2,289,991**  
**2,364,033**

## Avis

### 9. Applications Open to Public Inspection

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

### 10. Language of Published Documents

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

### 9. Demandes mises à la disponibilité du public

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

### 10. Langue du document publié

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

## Notices

### 11. PATENT COOPERATION TREATY (PCT)

#### SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004

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

The above-mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for Canada.

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

#### 5. **Late Payment Fee**

50% of the fees that are due, or,  
Minimum: Transmittal Fee  
Maximum: International Filing Fee

Preliminary Examination

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

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

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

\*\* PCT-SAFE is replacing PCT-EASY.

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

#### BARÈME DE TAXES À PARTIR DU 26 JUILLET 2004

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

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

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

#### 5. **Taxe pour paiement tardif**

50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : taxe de base

Examen préliminaire

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

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

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

\*\* PCT-SAFE remplacera PCT-EASY.

## 12. PCT notices

### PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten).

(See PCT -Applicant's Guide, <http://www.wipo.int>)

### Patent Cooperation Treaty (PCT)

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

## 13. PRACTICE NOTICE

### STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

## 12. Avis PCT

### Exigences des signatures du PCT

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

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

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site Web à <http://www.wipo.int>.

## 13. ÉNONCÉ DE PRATIQUE

### JOURS FÉRIÉS (*DIES NON*)

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

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

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

## Notices

and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

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

### Time limits under the *Patent and Trade-marks Acts*

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

### Time limits under the Patent Cooperation Treaty

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

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

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

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

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

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

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

### Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

## Avis

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

### Provincial and Territorial Holidays

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

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

### When Patent and Trade-marks Offices are closed for business

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

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

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

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

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

### Jours fériés provinciaux ou territoriaux

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

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

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

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

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

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

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

## Notices

### **14. Canadian Applications Open to Public Inspection**

The *Canadian Patent Office Record* of August 24, 2004 contains applications open to public inspection from August 1, 2004 to August 7, 2004

### **14. Demandes Canadiennes mises à la disponibilité du public**

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 1 août 2004 au 7 août 2004

## Avis

# Canadian Patents Issued

August 24, 2004

## Brevets canadiens délivrés

24 août 2004

[11] 2,053,352  
[13] C

[51] Int.Cl. 5A61K 7/13 5A61K 7/021  
[25] FR  
[54] UTILISATION DE 1,4-DI(MONO OU POLY) HYDROXYALKYLAMINO-9,10-ANTHRAQUINONES POUR LA TEINTURE DE FIBRES KERATINIQUES HUMAINES, COMPOSITIONS COSMETIQUES LES CONTENANT EN ASSOCIATION AVEC DES COLORANTS AZOÏQUES ET NITRES BENZENIQUES, ET PROCEDE DE TEINTURE DES CHEVEUX LES METTANT EN OEUVRE  
[54] 1,4-DI(MONO OR POLY) HYDROXYALKYLAMINO-9,10-ANTHRAQUINONES AS DYES FOR HUMAN KERATINOUS FIBRES, COSMETIC COMPOSITIONS HAVING SAME IN ASSOCIATION TO AZOID AND NITRATED BENZENIC DYES, AND PROCESS FOR DYEING HAIR THEREOF  
[72] JUNINO, ALEX, FR  
[72] GENET, ALAIN, FR  
[73] L'OREAL, FR  
[22] 1991-10-11  
[30] FR (90 12628) 1990-10-12

[11] 2,058,335  
[13] C

[51] Int.Cl. 5B29C 35/08 5B29B 17/02 5B29C 65/14  
[25] EN  
[54] SYSTEM AND METHOD FOR REMOTELY HEATING A POLYMERIC MATERIAL TO A SELECTED TEMPERATURE  
[54] SYSTEME ET METHODE POUR CHAUFFER A DISTANCE UN POLYMERE A LA TEMPERATURE VOULUE  
[72] CLARK, WILLIAM GUY JR., US  
[72] SHANNON, ROBERT EDWARD, US  
[72] JUNKER, WARREN ROBERT, US  
[73] WESTINGHOUSE ELECTRIC CORPORATION, US  
[22] 1991-12-23  
[30] US (635,987) 1990-12-28

[11] 2,058,632  
[13] C

[51] Int.Cl. 5C07H 21/00  
[25] EN  
[54] EXONUCLEASE-RESISTANT OLIGONUCLEOTIDES AND METHODS FOR PREPARING THE SAME  
[54] OLIGONUCLEOTIDES RESISTANT A L'EXONUCLEASE ET METHODES DE PREPARATION  
[72] FROEHLER, BRIAN C., US  
[73] ISIS PHARMACEUTICALS, INC., US  
[85] 1991-12-05  
[86] 1990-06-05 (PCT/US1990/003138)  
[87] (WO1990/015065)  
[30] US (361,045) 1989-06-05

[11] 2,061,148  
[13] C

[51] Int.Cl. 5C12N 15/18 6C07K 14/475  
[25] EN  
[54] GLIA ACTIVATING FACTOR AND ITS PRODUCTION  
[54] FACTEUR D'ACTIVATION DE LA NEVROGLIE, ET SA PRODUCTION  
[72] NARUO, KEN-ICHI, JP  
[72] SEKO, CHISAKO, JP  
[72] KUROKAWA, TSUTOMU, JP  
[72] KONDO, TATSUYA, JP  
[73] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[22] 1992-02-13  
[30] JP (20860/1991) 1991-02-14  
[30] JP (3399/1992) 1992-01-10  
[30] JP (224454/1991) 1991-09-04

[11] 2,065,051  
[13] C

[51] Int.Cl. 5A61K 31/445  
[25] EN  
[54] IMPROVED USE OF .BETA.2 BRONCHODILATOR DRUGS  
[54] MEILLEURE UTILISATION DE BRONCHODILATEURS .BETA.2  
[72] MORLEY, JOHN, CH  
[73] SEPRACOR INC., US  
[22] 1992-04-03  
[30] GB (9107196) 1991-04-05

[11] 2,071,370  
[13] C

[51] Int.Cl. 5C04B 35/65  
[25] EN  
[54] PROCESS AND MIXTURE FOR FORMING A COHERENT REFRACTORY MASS ON A SURFACE  
[54] PROCEDE ET MELANGE POUR LA FORMATION D'UNE MASSE REFRACTAIRE COHERENTE SUR UNE SURFACE  
[72] MEYNCKENS, JEAN-PIERRE, BE  
[72] MOTTET, LEON-PHILIPPE, BE  
[73] FOSBEL INTELLECTUAL LIMITED, GB  
[22] 1992-06-16  
[30] LU (87 969) 1991-07-03

[11] 2,074,069  
[13] C

[51] Int.Cl. 5C12Q 1/70 5C07H 21/04 5C12N 15/10  
[25] EN  
[54] PRIMERS AND PROCESS FOR DETECTING HUMAN PAPILLOMAVIRUS GENOTYPES BY PCR  
[54] AMORCES ET PROCEDE DE DEPISTAGE DES GENOTYPES DU PAPILOMAVIRUS HUMAIN PAR PCR  
[72] MEIJER, CHRISTOPHORUS JOANNES LAMBERTUS MARIA, NL  
[72] VAN DEN BRULE, ADRIANUS JOHANNES CHRISTIAAN, NL  
[72] WALBOOMERS, JAN MARCUS MARIA, NL  
[72] SNIJDERS, PETRUS JOSEPHUS FERDINANDUS, NL  
[73] STICHTING RESEARCHFONDS PATHOLOGIE, NL  
[85] 1992-07-16  
[86] 1991-01-18 (PCT/NL1991/000009)  
[87] (WO1991/010675)  
[30] NL (9000134) 1990-01-19

Canadian Patents Issued  
August 24, 2004

---

[11] **2,081,782**  
[13] C  
[51] **Int.Cl. 5C12N 5/08 5C12P 21/02  
5C12Q 1/02 5C12Q 1/18 5A61M 1/20  
5A61M 1/36 5C12Q 1/70**  
[25] EN  
[54] **PERMANENT HUMAN  
HEPATOCYTE CELL LINE AND ITS  
USE IN A LIVER ASSIST DEVICE (LAD)**  
[54] **LIGNEE PERMANENTE  
D'HEPATOCYTES HUMAINS ET SON  
UTILISATION DANS UN APPAREIL  
D'ASSISTANCE HEPATIQUE**  
[72] KELLY, JAMES H., US  
[73] BAYLOR COLLEGE OF MEDICINE,  
US  
[85] 1992-10-29  
[86] 1991-05-07 (PCT/US1991/002939)  
[87] (WO1991/018087)  
[30] US (524,075) 1990-05-16

---

[11] **2,083,651**  
[13] C  
[51] **Int.Cl. 5C08F 226/10 5A61K 7/11  
5C08J 3/12 5C08F 218/18**  
[25] EN  
[54] **REDISPERSIBLE POWDER  
COMPOSED OF N-  
VINYLPIRROLIDONE/VINYL  
ACETATE COPOLYMER, THE  
PREPARATION AND USE THEREOF**  
[54] **POUDRE REDISPERSABLE A  
BASE DE COPOLYMER DE N-  
VINYLPIRROLIDONE ET D'ACETATE  
DE VINYLE; PREPARATION ET  
UTILISATION**  
[72] BUEHLER, VOLKER, DE  
[72] GRABOWSKI, SVEN, DE  
[72] SANNER, AXEL, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1992-11-24  
[30] DE (P 41 39 963.3) 1991-12-04

---

[11] **2,084,634**  
[13] C  
[51] **Int.Cl. 5B29D 11/00 5B29C 33/42**  
[25] EN  
[54] **OPHTHALMIC LENS MOLD SEAL  
[54] MOULAGE DE LENTILLES  
OPHTALMIQUES**  
[72] TSAI, JAMES T., US  
[73] JOHNSON & JOHNSON VISION  
PRODUCTS, INC., US  
[22] 1992-12-04  
[30] US (802,808) 1991-12-06

---

[11] **2,089,137**  
[13] C  
[51] **Int.Cl. 5F16L 33/26**  
[25] EN  
[54] **MEANS AND METHODS OF  
ATTACHING METAL HOSES TO END  
FITTINGS**  
[54] **MOYENS ET METHODES  
SERVANT A ASSUJETTIR DES  
TUYAUX METALLIQUES A DES  
RACCORDS D'EXTREMITÉ**  
[72] LEFEBVRE, KENNETH E., US  
[72] BESSETTE, ARTHUR J., US  
[73] TITFLEX CORPORATION, US  
[22] 1993-02-09  
[30] US (835,285) 1992-02-13

---

[11] **2,089,436**  
[13] C  
[51] **Int.Cl. 5B65G 59/02 5B27B 31/00  
5B65G 59/08**  
[25] EN  
[54] **DUAL INDEPENDENT HOIST  
BREAKDOWN STATION**  
[54] **POSTE DE FRACTIONNEMENT A  
DEUX DISPOSITIFS DE LEVAGE  
INDEPENDANTS**  
[72] RITOLA, EDWARD W., US  
[73] U.S. NATURAL RESOURCES, INC.,  
US  
[22] 1993-02-12  
[30] US (07/836,069) 1992-02-13

---

[11] **2,089,968**  
[13] C  
[51] **Int.Cl. 5F16D 13/62**  
[25] EN  
[54] **SPLINED ASSEMBLY  
[54] ASSEMBLAGE CANNELE**  
[72] WALKER, HERMAN BRADLEY, US  
[73] KOPPY CORPORATION, US  
[22] 1993-02-19  
[30] US (839,513) 1992-02-20

---

[11] **2,091,096**  
[13] C  
[51] **Int.Cl. 5D21H 11/14 5D21C 5/02**  
[25] EN  
[54] **METHOD OF TREATING  
PAPERMAKING FIBERS FOR MAKING  
TISSUE**  
[54] **METHODE DE TRAITEMENT DE  
FILTRES A PAPIER HYGIENIQUE**  
[72] HERMANS, MICHAEL ALAN, US  
[72] MAKOLIN, ROBERT JOHN, US  
[72] GOERG, KRISTIN ANN, US  
[72] CHEN, FUNG-JOU, US  
[73] KIMBERLY-CLARK WORLDWIDE,  
INC., US  
[22] 1993-03-05  
[30] US (870,648) 1992-04-17  
[30] US (993,190) 1992-12-18

---

[11] **2,092,239**  
[13] C  
[51] **Int.Cl. 5C09C 1/00 5C08K 13/04**  
[25] EN  
[54] **COMPOSITE PIGMENTARY  
MATERIAL**  
[54] **MATERIAU PIGMENTAIRE  
COMPOSITE**  
[72] SIMPSON, LESLIE AINSLEY, GB  
[72] ROBB, JOHN, GB  
[72] BANFORD, JONATHAN, GB  
[72] DIETZ, PAUL FREDERICK, GB  
[72] TEMPERLEY, JOHN, GB  
[73] TIOXIDE GROUP SERVICES  
LIMITED, GB  
[22] 1993-05-12  
[30] GB (9211822.3) 1992-06-04

---

[11] **2,093,551**  
[13] C  
[51] **Int.Cl. 5G01B 11/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
MEASURING THE DIMENSIONS OF AN  
OBJECT**  
[54] **METHODE ET APPAREIL POUR  
MESURER LES DIMENSIONS D'UN  
OBJET**  
[72] KASER, BEDA, CH  
[73] ZUMBACH ELECTRONIC AG, CH  
[22] 1993-04-06  
[30] CH (01 189/92-6) 1992-04-10

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,096,347**  
[13] C

[51] **Int.Cl. 6A61K 38/21 5G01N 30/02 5A61J 1/14 5B65D 81/24 6A61K 38/27 5G01N 30/96**  
[25] EN  
[54] **A METHOD FOR STABLY STORING A PHARMACEUTICAL**  
[54] **METHODE POUR STOCKER DE FACON STABLE UN PRODUIT PHARMACEUTIQUE**  
[72] BATTERSBY, JOHN EDWARD, US  
[72] HANCOCK, WILLIAM STEPHEN, US  
[72] LAWLIS, VIRGIL BRYAN, JR., US  
[73] GENENTECH, INC., US  
[85] 1993-05-14  
[86] 1991-12-03 (PCT/US1991/009027)  
[87] (WO1992/010747)  
[30] US (07/627,287) 1990-12-13

[11] **2,096,387**  
[13] C

[51] **Int.Cl. 5A47F 1/14**  
[25] EN  
[54] **RACK FOR NEWSPAPERS**  
[54] **SUPPORT A JOURNAUX**  
[72] GOLLOB, EDWARD NELSON, CA  
[73] GO-PLASTICS INC., CA  
[22] 1993-05-17

[11] **2,097,614**  
[13] C

[51] **Int.Cl. 5C08L 77/06**  
[25] EN  
[54] **POLYAMIDE COMPOSITIONS**  
[54] **COMPOSITIONS DE POLYAMIDE**  
[72] FARKAS, NICHOLAS, CA  
[72] MARKS, DAVID N., US  
[72] NEMSER, STUART M., US  
[73] DU PONT CANADA INC., CA  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1993-06-02  
[86] 1992-01-08 (PCT/CA1992/000011)  
[87] (WO1992/012194)  
[30] US (639,526) 1991-01-10

[11] **2,098,256**  
[13] C

[51] **Int.Cl. 5C07J 41/00 5C07J 9/00 5C07J 31/00 5A61K 31/56 5A61K 31/66**  
[25] EN  
[54] **BILE ACID DERIVATIVES, PROCESS FOR THEIR PREPARATION AND USE OF THESE COMPOUNDS AS PHARMACEUTICALS**  
[54] **DERIVES DE L'ACIDE BILIAIRE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME AGENTS PHARMACEUTIQUES**  
[72] ENHSEN, ALFONS, DE  
[72] GLOMBIK, HEINER, DE  
[72] KRAMER, WERNER, DE  
[72] WESS, GUNTHER, DE  
[73] HOECHST AKTIENGESELLSCHAFT, DE  
[22] 1993-06-11  
[30] DE (P 42 19 274.9) 1992-06-12

[11] **2,099,727**  
[13] C

[51] **Int.Cl. 5B01D 67/00 5B05D 3/06**  
[25] EN  
[54] **INTERFACIAL POLYMERIZATION IN A POROUS SUBSTRATE AND SUBSTRATES FUNCTIONALIZED WITH PHOTOCHEMICAL GROUPS**  
[54] **POLYMERISATION INTERFACIALE D'UN SUBSTRAT POREUX ET SUBSTRATS TRANSFORMES A L'AIDE DE GROUPES PHOTOCHEMIQUES**  
[72] RILLING, KEN, CA  
[72] DICKSON, JAMES M., CA  
[72] CHILDS, RONALD F., CA  
[72] GAGNON, DAVID R., US  
[73] MCMASTER UNIVERSITY, CA  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1993-06-29

[11] **2,105,723**  
[13] C

[51] **Int.Cl. 5A01N 43/707**  
[25] EN  
[54] **METHOD OF CONTROLLING INSECTS**  
[54] **METHODE DE CONTROLE DES INSECTES**  
[72] FLUCKIGER, CLAUDE, CH  
[72] RINDLISBACHER, ALFRED, CH  
[72] SENN, ROBERT, CH  
[72] UK, SOLANG, CH  
[73] SYNGENTA PARTICIPATIONS AG, CH  
[22] 1993-09-08  
[30] CH (2847/92-1) 1992-09-10  
[30] CH (3558/92-0) 1992-11-20

[11] **2,105,901**  
[13] C

[51] **Int.Cl. 5E01B 7/00**  
[25] FR  
[54] **ENCASTREMENT DE LA POINTE MOBILE DANS LE BERCEAU D'UN COEUR DE CROISEMENT INCORPORE DANS LES LONGS RAILS SOUDES ET PROCEDE DE REALISATION D'UN TEL ENCASTREMENT**  
[54] **EMBEDDING OF THE MOBILE TIP INSIDE A FROG BUILT INTO LONG-WELDED RAILS AND METHOD OF FABRICATION**  
[72] TESTART, GERARD, FR  
[72] HEGE, FREDERIC, FR  
[73] COGIFER - COMPAGNIE GENERALE D'INSTALLATIONS FERROVIAIRES, FR  
[22] 1993-09-10  
[30] FR (92 11 016) 1992-09-11

[11] **2,106,372**  
[13] C

[51] **Int.Cl. 5D04H 3/14 5A61M 16/06 5B01D 39/16 5B32B 5/24**  
[25] EN  
[54] **POST-TREATMENT OF NON-WOVEN WEBS**  
[54] **POST-TRAITEMENT DE NON-TISSE**  
[72] HASSENBOEHLER, CHARLES B., JR., US  
[72] WADSWORTH, LARRY C., US  
[73] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US  
[85] 1993-09-16  
[86] 1993-03-26 (PCT/US1993/003090)  
[87] (WO1994/023109)

Canadian Patents Issued  
August 24, 2004

---

[11] **2,110,250**  
[13] C  
[51] **Int.Cl. 5C23C 14/04**  
[25] EN  
[54] **DEPOSITING DIFFERENT MATERIALS ON A SUBSTRATE**  
[54] **DEPOSITION DE DIFFERENTS MATERIAUX SUR UN SUBSTRAT**  
[72] HILL, ROGER, GB  
[72] NUTTALL, JOHN, GB  
[72] TOLFREE, ROGER KEITH, GB  
[73] BAE SYSTEMS AVIONICS LIMITED, GB  
[22] 1993-11-29  
[30] GB (9225270.9) 1992-12-03

---

[11] **2,110,859**  
[13] C  
[51] **Int.Cl. 5B65G 27/34 5B01F 11/00**  
[25] EN  
[54] **VIBRATORY TUMBLING APPARATUS**  
[54] **MECANISME DE CULBUTAGE VIBRANT**  
[72] MUSSCHOOT, ALBERT, US  
[73] GENERAL KINEMATICS CORPORATION, US  
[22] 1993-12-07  
[30] US (08/097,976) 1993-07-27

---

[11] **2,111,799**  
[13] C  
[51] **Int.Cl. 5E04B 1/38**  
[25] EN  
[54] **ATTACHMENT DEVICE**  
[54] **DISPOSITIF DE FIXATION**  
[72] HOFLE, SIEGFRIED, AT  
[73] HILTI AKTIENGESELLSCHAFT, LI  
[22] 1993-12-17  
[30] DE (P 42 43 185.9) 1992-12-19

---

[11] **2,111,962**  
[13] C  
[51] **Int.Cl. 5C12Q 1/70 5C12Q 1/68**  
[25] EN  
[54] **AMPLIFICATION OF TARGET NUCLEIC ACIDS USING GAP FILLING LIGASE CHAIN REACTION**  
[54] **AMPLIFICATION DES ACIDES NUCLEIQUES CIBLES UTILISANT LA REACTION EN CHAINE DE LA LIGASE COMME REMPLISSAGE LACUNAIRE**  
[72] BIRKENMEYER, LARRY G., US  
[72] CARRINO, JOHN J., US  
[72] DILLE, BRUCE L., US  
[72] HU, HSIANG-YUN, US  
[72] KRATOCHVIL, JON DAVID, US  
[72] LAFFLER, THOMAS G., US  
[72] MARSHALL, RONALD L., US  
[72] RINEHARDT, LAURIE A., US  
[72] SOLOMON, NATALIE A., US  
[73] ABBOTT LABORATORIES, US  
[85] 1993-12-20  
[86] 1992-06-26 (PCT/US1992/005477)  
[87] (WO1993/000447)  
[30] US (722,798) 1991-06-28

---

[11] **2,112,694**  
[13] C  
[51] **Int.Cl. 5A61C 19/02 5A61C 7/12**  
[25] EN  
[54] **PACKAGED ORTHODONTIC ARTICLE**  
[54] **ARTICLE ORTHODONTIQUE EMBALLE**  
[72] JACOBS, DWIGHT W., US  
[72] MITRA, SUMITA B., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1993-12-31  
[86] 1992-06-26 (PCT/US1992/005470)  
[87] (WO1993/002630)  
[30] US (07/739,816) 1991-08-02

---

[11] **2,113,703**  
[13] C  
[51] **Int.Cl. 5B01D 27/00 5B01D 27/02 5B01D 27/08**  
[25] EN  
[54] **WATER FILTER CARTRIDGE**  
[54] **ELEMENT FILTRANT D'EAU**  
[72] KOOL, DENNIS J., US  
[73] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US  
[22] 1994-01-18  
[30] US (08/017,773) 1993-02-16

---

[11] **2,114,338**  
[13] C  
[51] **Int.Cl. 5A61K 35/74 5A61K 31/20 5A61K 31/40**  
[25] EN  
[54] **PRESCRIPTION DIET COMPOSITION FOR PET ANIMALS**  
[54] **COMPOSITION DIETETIQUE DE PRESCRIPTION POUR ANIMAUX DE COMPAGNIE**  
[72] MATSUURA, ICHIRO, JP  
[72] SAITO, TOSHIZUMI, JP  
[72] SHIMADA, KENJIRO, JP  
[73] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 1994-01-27  
[30] JP (11984/93) 1993-01-27

---

[11] **2,116,355**  
[13] C  
[51] **Int.Cl. 5C12N 15/38 5C12N 7/01 5A61K 39/265**  
[25] EN  
[54] **INFECTIOUS BOVINE RHINOTRACHEITIS VIRUS MUTANTS AND VACCINES**  
[54] **MUTANTS INFECTIEUX DU VIRUS DE LA RHINOTRACHEITE BOVINE ET VACCINS**  
[72] LEUNG-TACK, PATRICIA, FR  
[72] LEGASTELOIS, ISABELLE CHRISTINE MARIE-ANDRE, FR  
[72] AUDONNET, JEAN-CHRISTOPHE FRANCIS, FR  
[72] RIVIERE, MICHEL EMILE ALBERT, FR  
[73] MERIAL, FR  
[85] 1994-02-23  
[86] 1993-06-25 (PCT/FR1993/000642)  
[87] (WO1994/000586)  
[30] FR (92/07930) 1992-06-26

---

[11] **2,119,097**  
[13] C  
[51] **Int.Cl. 5C09K 7/02**  
[25] EN  
[54] **THERMALLY STABLE THIOSULFATE HYDROXYETHYLCELLULOSE SUSPENSION**  
[54] **SUSPENSION D'HYDROXYETHYLCELLULOSE THIOSULFATEE THERMOSTABLE**  
[72] LUKACH, CARL A., US  
[72] ZAPICO, JOSE, DZ  
[73] AQUALON COMPANY, US  
[22] 1994-03-15  
[30] US (043,681) 1993-04-08

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,119,433**  
[13] C

[51] **Int.Cl. 5A01D 34/70**  
[25] EN  
[54] **MACHINE FOR CUTTING GRASS AND THE LIKE WITH FRONT ACTION AND CENTRAL STORAGE CONTAINER BETWEEN THE FRONT AND REAR WHEELS**  
[54] **MACHINE POUR TONDRE LES PELOUSES ET AUTRES VEGETAUX DU MEME GENRE, AVEC LAMES A L'AVANT ET RECIPIENT DE STOCKAGE ENTRE LES ESSIEUX AVANT ET ARRIERE**  
[72] FAVA, NEDO, IT  
[72] FERRARI, CLAUDIO, IT  
[73] OFFICINE BIEFFEBI S.R.L., IT  
[22] 1994-03-18  
[30] IT (RE93A 000032) 1993-04-07

[11] **2,119,603**  
[13] C

[51] **Int.Cl. 5A61C 5/04**  
[25] EN  
[54] **METHOD OF APPLYING GUTTA PERCHA TO A CARRIER**  
[54] **METHODE D'APPLICATION DE GUTTA-PERCHA A UN PORTEUR**  
[72] JOHNSON, WILLIAM B., US  
[73] JOHNSON, WILLIAM B., US  
[22] 1994-03-22  
[30] US (08/048,432) 1993-04-14

[11] **2,122,622**  
[13] C

[51] **Int.Cl. 5E21B 19/00**  
[25] EN  
[54] **OILFIELD MAKE-UP AND BREAKOUT TOOL FOR TOP DRIVE DRILLING SYSTEMS**  
[54] **OUTIL DE VISSAGE ET DE DEVISSAGE DE TIGES DE FORAGE**  
[72] STOGNER, HUEY, US  
[73] ACCESS OIL TOOLS, INC., US  
[85] 1994-04-29  
[86] 1992-11-05 (PCT/US1992/009558)  
[87] (WO1993/009331)  
[30] US (788,806) 1991-11-07  
[30] US (960,192) 1992-10-09

[11] **2,125,850**  
[13] C

[51] **Int.Cl. 5A63B 71/14 5A41D 13/10**  
[25] EN  
[54] **GLOVE WITH MEANS FOR PROTECTING THE LIGAMENTS AND ARTICULATIONS OF THE HAND**  
[54] **GANTS AVEC PROTECTION DES LIGAMENTS ET DES ARTICULATIONS DE LA MAIN**  
[72] MICHELONI, WALTER, IT  
[72] GIUGNI, FABRIZIO, IT  
[72] AHLBAUMER, GEORG, CH  
[73] AHLBAUMER, GEORG, CH  
[73] LEVEL S.P.A., IT  
[22] 1994-06-14  
[30] IT (MI93A-01846) 1993-08-24

[11] **2,126,823**  
[13] C

[51] **Int.Cl. 5G01F 23/00**  
[25] EN  
[54] **LIQUID LEVEL SENSING PROBE AND CONTROL CIRCUIT**  
[54] **DETECTEUR DE NIVEAU DE LIQUIDE ET CIRCUIT DE CONTROLE-COMMANDE CORRESPONDANT**  
[72] RAMEY, BLAINE EDWARD, US  
[72] MORENO, MARIO, US  
[73] BIOMERIEUX, INC., US  
[22] 1994-06-27  
[30] US (08/088,656) 1993-07-09

[11] **2,130,187**  
[13] C

[51] **Int.Cl. 5C07C 69/88 5C10L 10/00 5C10L 1/18 5C07C 69/73**  
[25] EN  
[54] **POLY(OXYALKYLENE)HYDROXYAROMATIC ESTERS AND FUEL COMPOSITIONS CONTAINING THE SAME**  
[54] **ESTERS POLY(OXYALKYLENE)HYDROXYAROMATIQUES; COMPOSITIONS D'ADDITION POUR CARBURANTS A BASE DE CES ESTERS**  
[72] CHERPECK, RICHARD E., US  
[73] CHEVRON RESEARCH AND TECHNOLOGY COMPANY, US  
[85] 1994-08-15  
[86] 1993-12-17 (PCT/US1993/012361)  
[87] (WO1994/014925)  
[30] US (07/993,179) 1992-12-28

[11] **2,131,575**  
[13] C

[51] **Int.Cl. 5C22B 3/44**  
[25] EN  
[54] **AGENT FOR TREATING METAL IONS IN AN AQUEOUS SOLUTION, PROCESS FOR PRODUCING THE METAL ION-TREATING AGENT AND METHOD FOR TREATING METAL IONS IN AN AQUEOUS SOLUTION**  
[54] **AGENT POUR LE TRAITEMENT DES IONS METALLIQUES DANS UNE SOLUTION AQUEUSE; METHODE DE PREPARATION DE L'AGENT ET METHODE POUR TRAITER LES IONS DANS UNE SOLUTION AQUEUSE**  
[72] HATA, KEISHIRO, JP  
[72] SAKURAI, TATSUYA, JP  
[72] FUJIMURA, HIROSHI, JP  
[72] KUSABE, KOJI, JP  
[73] KAWASAKI KASEI CHEMICALS LTD., JP  
[22] 1994-09-07  
[30] JP (222951/1993) 1993-09-08  
[30] JP (323045/1993) 1993-11-17

[11] **2,131,975**  
[13] C

[51] **Int.Cl. 5A61B 17/068**  
[25] EN  
[54] **SELF CONTAINED GAS POWERED SURGICAL APPARATUS**  
[54] **APPAREIL CHIRURGICAL AUTONOME ACTIONNE AU GAZ**  
[72] GREEN, DAVID T., US  
[72] PALMER, MITCHELL J., US  
[72] MILLIMAN, KEITH L., US  
[72] SAVAGE, ROBERT C., US  
[72] MCCLURE, RICHARD C., US  
[72] HEATON, LISA W., US  
[73] UNITED STATES SURGICAL CORPORATION, US  
[22] 1994-09-13  
[30] US (08/133,549) 1993-10-08

[11] **2,132,286**  
[13] C

[51] **Int.Cl. 5A61B 17/068**  
[25] EN  
[54] **SURGICAL APPARATUS FOR APPLYING SURGICAL FASTENERS**  
[54] **APPAREIL POUR POSER DES AGRAFES CHIRURGICALES**  
[72] SORRENTINO, GREGORY, US  
[72] ALLI, ALIM, US  
[73] UNITED STATES SURGICAL CORPORATION, US  
[22] 1994-09-16  
[30] US (08/134,239) 1993-10-08

**Canadian Patents Issued  
August 24, 2004**

---

[11] **2,132,387**  
[13] C

[51] **Int.Cl. 5A61B 17/02 5A61M 29/00**  
[25] EN  
[54] **SURGICAL INSTRUMENT FOR EXPANDING BODY TISSUE**  
[54] **INSTRUMENT CHIRURGICAL POUR L'ETIREMENT DES TISSUS DE L'ORGANISME**  
[72] TOVEY, H. JONATHAN, US  
[73] UNITED STATES SURGICAL CORPORATION, US  
[22] 1994-09-19  
[30] US (08/124,778) 1993-09-21

---

[11] **2,134,652**  
[13] C

[51] **Int.Cl. 5A61M 16/04**  
[25] EN  
[54] **TRACHEAL TUBE WITH FLEXIBLE SEGMENT**  
[54] **SONDE ENDO-TRACHEALE MUNIE D'UN SEGMENT SOUPLE**  
[72] NYE, RICHARD V., US  
[73] MALLINCKRODT INC., US  
[85] 1994-10-28  
[86] 1993-04-15 (PCT/US1993/003587)  
[87] (WO1993/023101)  
[30] US (07/885,691) 1992-05-19

---

[11] **2,135,114**  
[13] C

[51] **Int.Cl. 5B67B 7/72**  
[25] EN  
[54] **CAN OPENER WITH MOVING LID RETAINER**  
[54] **OUVRE-BOITE AVEC DISPOSITIF DE RETENUE MOBILE POUR COUVERCLE**  
[72] KOSTEN, RICHARD B., US  
[72] ST. JOHN, ROBERT A., US  
[73] BLACK & DECKER INC., US  
[22] 1994-11-04  
[30] US (08/155,678) 1993-11-22

---

---

[11] **2,135,292**  
[13] C

[51] **Int.Cl. 5C04B 35/00 5C04B 38/06 5C04B 35/14**  
[25] EN  
[54] **CERAMIC PRODUCTS**  
[54] **PRODUITS CERAMIQUES**  
[72] OSBORNE, MARTIN, GB  
[72] BROWN, RICHARD A., GB  
[72] JONES, RONALD, GB  
[73] S D INVESTMENTS LIMITED, GB  
[85] 1994-11-07  
[86] 1993-04-19 (PCT/GB1993/000810)  
[87] (WO1993/023345)  
[30] GB (9209967.0) 1992-05-08

---

[11] **2,135,303**  
[13] C

[51] **Int.Cl. 5B29C 45/17**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INJECTION MOULDING**  
[54] **PROCEDE ET APPAREIL DE MOULAGE PAR INJECTION**  
[72] SAYER, MATTHEW EMMETT, GB  
[72] CROW, KENNETH RICHARD, GB  
[73] CINPRES LIMITED, GB  
[85] 1994-11-07  
[86] 1993-05-18 (PCT/GB1993/001008)  
[87] (WO1993/023228)  
[30] GB (9210607.9) 1992-05-18

---

[11] **2,136,577**  
[13] C

[51] **Int.Cl. 5A61F 13/15**  
[25] EN  
[54] **DISPOSABLE ABSORBENT GARMENT AND A CONTINUOUS, SELECTIVELY ELASTICIZED BAND JOINED THERETO**  
[54] **PAREMENT ABSORBANT JETABLE ET BANDE CONTINUE A ELASTICITE SELECTIVE L'ACCOMPAGNANT**  
[72] JESSUP, JAMES LYLE, US  
[73] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1994-11-24  
[30] US (264,539) 1994-06-23

---

---

[11] **2,138,338**  
[13] C

[51] **Int.Cl. 5F01C 13/02 5F01P 1/06**  
[25] EN  
[54] **AIR MOTOR WITH OFFSET FRONT AND REAR EXHAUSTS**  
[54] **MOTEUR A AIR COMPRIME MUNI DE SORTIES D'ECHAPPEMENT DECALEES L'UNE PAR RAPPORT A L'AUTRE**  
[72] GHODE, ANIL P., US  
[72] DIEDRICH, THOMAS J., US  
[72] DE ROME, RAYMOND D., US  
[73] SNAP-ON INCORPORATED, US  
[22] 1994-12-16  
[30] US (169,414) 1993-12-20

---

[11] **2,141,536**  
[13] C

[51] **Int.Cl. 6B32B 17/06 6C23C 16/26**  
[25] EN  
[54] **ABRASION WEAR RESISTANT COATED SUBSTRATE PRODUCT**  
[54] **SUBSTRAT REVETU RESISTANT A L'ABRASION**  
[72] KNAPP, BRADLEY J., US  
[72] KIMOCK, FRED M., US  
[72] FINKE, STEVEN JAMES, US  
[73] MORGAN CHEMICAL PRODUCTS, INC., US  
[85] 1995-01-31  
[86] 1993-06-03 (PCT/US1993/005257)  
[87] (WO1994/003331)  
[30] US (924,297) 1992-08-03

---

[11] **2,143,610**  
[13] C

[51] **Int.Cl. 6A61K 31/445**  
[25] EN  
[54] **USE OF NORASTEMIZOLE FOR THE TREATMENT OF ALLERGIC DISORDERS**  
[54] **UTILISATION DE NORASTEMIZOLE POUR LE TRAITEMENT DE TROUBLES ALLERGIQUES**  
[72] WOOSLEY, RAYMOND L., US  
[72] ABERG, A. K. GUNNAR, US  
[73] SEPRACOR INC., US  
[85] 1995-02-28  
[86] 1993-09-03 (PCT/US1993/008349)  
[87] (WO1994/007495)  
[30] US (07/940,054) 1992-09-03

---

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,147,163**  
[13] C

[51] **Int.Cl. 6C04B 41/45 6C04B 41/52**  
[25] EN  
[54] **TREATING EARTHENWARE BODIES**  
[54] **METHODE DE TRAITEMENT D'ARTICLES EN TERRE CUITE**  
[72] MACMULLEN, PAUL NEIL, GB  
[73] MACMULLEN, PAUL NEIL, GB  
[85] 1995-04-13  
[86] 1993-10-15 (PCT/GB1993/002132)  
[87] (WO1994/008917)  
[30] GB (9221642.3) 1992-10-15  
[30] GB (9221728.0) 1992-10-16  
[30] GB (9222630.7) 1992-10-28

[11] **2,151,413**  
[13] C

[51] **Int.Cl. 6C12M 1/40 6G01N 27/26 6G01N 27/30 6G01N 27/327 6G01N 27/49 6C12Q 1/54**  
[25] EN  
[54] **METHOD OF MAKING AMPEROMETRIC ELECTRODES**  
[54] **PROCEDE DE FABRICATION D'ELECTRODES AMPEROMETRIQUES**  
[72] JOHNSON, LARRY D., US  
[72] MURRAY, ALISON J., US  
[72] MUSHO, MATTHEW K., US  
[73] BAYER HEALTHCARE, LLC, US  
[22] 1995-06-09  
[30] US (08/265,913) 1994-06-27

[11] **2,153,097**  
[13] C

[51] **Int.Cl. 6G08B 13/24**  
[25] EN  
[54] **ELECTRONIC ARTICLE SURVEILLANCE INPUT CONFIGURATION CONTROL SYSTEM EMPLOYING EXPERT SYSTEM TECHNIQUES FOR DYNAMIC OPTIMIZATION**  
[54] **SYSTEME DE CONTROLE DES CONFIGURATIONS DE SAISIE DE DONNEES DE SURVEILLANCE ELECTRONIQUE D'ARTICLES UTILISANT UN SYSTEME EXPERT POUR REALISER UNE OPTIMISATION DYNAMIQUE**  
[72] BALCH, BRENT F., US  
[72] ACCOLLA, WILLIAM R., US  
[72] TRIBBEY, SCOTT A., US  
[73] SENSORMATIC ELECTRONICS CORPORATION, US  
[22] 1995-06-30  
[30] US (08/313,848) 1994-09-28

[11] **2,156,242**  
[13] C

[51] **Int.Cl. 6A22C 13/00**  
[25] EN  
[54] **IMPROVED TUBULAR CASING FOR FOOD PRODUCTS**  
[54] **ENVELOPPE TUBULAIRE AMELIOREE POUR PRODUITS ALIMENTAIRES**  
[72] MERCURI, ENRICO, AU  
[73] MEATECH PTY LTD, AU  
[85] 1995-08-16  
[86] 1994-02-18 (PCT/AU1994/000076)  
[87] (WO1994/018843)  
[30] AU (PL 7378) 1993-02-19

[11] **2,158,719**  
[13] C

[51] **Int.Cl. 6G01K 1/18 6G01K 13/00 6G01K 7/02 6G01K 1/12**  
[25] EN  
[54] **SENSOR ARRANGEMENT FOR TEMPERATURE MEASUREMENT**  
[54] **DISPOSITIF DE CAPTAGE POUR LE MESURAGE DES TEMPERATURES**  
[72] VERSTREKEN, PAUL CLEMENT, BE  
[72] AEGTEN, JOSEF THEODOOR, BE  
[73] HERAEUS ELECTRO-NITE INTERNATIONAL, N.V., BE  
[22] 1995-09-20  
[30] DE (P 44 33 685.3) 1994-09-21

[11] **2,159,271**  
[13] C

[51] **Int.Cl. 6G03F 7/00**  
[25] FR  
[54] **ELEMENTS TRANSPARENTS POUR PHOTOCOPIE ELECTROSTATIQUE**  
[54] **TRANSPARENT ELEMENTS FOR ELECTROSTATIC COPYING PROCESS**  
[72] ASSANTE, JEAN-PIERRE, FR  
[72] CORSI, PHILIPPE, FR  
[72] PECATE, NICOLE, FR  
[72] PRISSETTE, MICHEL, FR  
[72] RICHARD, JOEL, FR  
[72] VEYRAT, DIDIER, FR  
[73] RHONE-POULENC FILMS, FR  
[22] 1995-09-27  
[30] FR (94 11 808) 1994-09-28

[11] **2,160,482**  
[13] C

[51] **Int.Cl. 6E04D 3/08 6E04B 1/00 6E06B 3/46 6E04B 1/76**  
[25] EN  
[54] **ARRANGEMENT FOR OPENABLE ROOF**  
[54] **TOIT OUVRANT**  
[72] LONNBERG, BENTH, SE  
[73] LONNBERG, BENTH, SE  
[85] 1995-10-12  
[86] 1994-04-12 (PCT/SE1994/000319)  
[87] (WO1994/024385)  
[30] SE (9301219-3) 1993-04-14

[11] **2,162,898**  
[13] C

[51] **Int.Cl. 6H01B 1/12**  
[25] EN  
[54] **DISPERSIBLE INTRINSICALLY CONDUCTIVE POLYMER AND PROCESS FOR PRODUCING IT**  
[54] **POLYMERE DISPERSABLE, INTRINSEQUEMENT CONDUCTEUR, ET METHODE DE PREPARATION**  
[72] WESSLING, BERNHARD, DE  
[72] MERKLE, HOLGER JR., DE  
[72] BLATTNER, SUSANNE, DE  
[73] ORMECON GMBH, DE  
[85] 1995-11-14  
[86] 1994-04-06 (PCT/EP1994/001060)  
[87] (WO1994/027297)  
[30] DE (P 43 17 010.2) 1993-05-17

[11] **2,165,425**  
[13] C

[51] **Int.Cl. 6F16K 7/16**  
[25] EN  
[54] **DIAPHRAGM VALVE**  
[54] **OBTURATEUR A DIAPHRAGME**  
[72] BACKLUND, INGVAR, SE  
[73] ROBOVALVE AB, SE  
[85] 1995-12-15  
[86] 1994-06-17 (PCT/SE1994/000602)  
[87] (WO1995/000782)  
[30] SE (S.N. 9302101-2) 1993-06-17

Canadian Patents Issued  
August 24, 2004

[11] 2,166,317  
[13] C

[51] Int.Cl. 6C01B 33/025 6C07F 7/16  
[25] FR  
[54] SILICIUM METALLURGIQUE  
CONTENANT DU PHOSPHORE ET  
DESTINE A LA PREPARATION DES  
ALKYL OU ARYL  
HALOGENOSILANES  
[54] METALLURGICAL SILICON  
CONTAINING PHOSPHORUS FOR THE  
PREPARATION OF ALKYL OR ARYL  
HALOGENOSILANES  
[72] MARGARIA, THOMAS, FR  
[72] WAGNER, GEBHARD, DE  
[72] SCHULZE, MANFRED, DE  
[72] DEGEN, BRUNO, DE  
[72] LICHT, ELKE, DE  
[73] PECHINEY  
ELECTROMETALLURGIE, FR  
[73] GE BAYER SILICONES GMBH &  
CO., KG, DE  
[85] 1995-12-28  
[86] 1994-06-30 (PCT/FR1994/000799)  
[87] (WO1995/001303)  
[30] FR (93/08303) 1993-07-01

[11] 2,171,079  
[13] C

[51] Int.Cl. 6F41H 5/02 6C22C 38/02  
[25] EN  
[54] BALLISTIC RESISTANT METAL  
ARMOR PLATE  
[54] BLINDAGE METALLIQUE  
RESISTANT AUX PROJECTILES  
[72] TIMMONS, WILLIAM WILBERT, US  
[72] BELL, ROBERT HAMILTON, US  
[72] POLITO, ANTHONY JOHN, US  
[72] BAILEY, RONALD EUGENE, US  
[73] ALLEGHENY LUDLUM  
CORPORATION, US  
[22] 1996-03-05  
[30] US (08/398,934) 1995-03-06

[11] 2,171,209  
[13] C

[51] Int.Cl. 6A61M 16/06  
[25] EN  
[54] FACE MASK  
[54] MASQUE FACIAL  
[72] WIDERSTROM, CARIN, SE  
[72] KARLSSON, JAN, SE  
[73] ASTRA AKTIEBOLAG, SE  
[85] 1996-03-06  
[86] 1994-09-05 (PCT/SE1994/000815)  
[87] (WO1995/009023)  
[30] SE (9303155-7) 1993-09-27

[11] 2,171,824  
[13] C

[51] Int.Cl. 6A61F 2/44 6A61B 17/72  
[25] EN  
[54] PROSTHETIC IMPLANT FOR  
INTERVERTEBRAL SPINAL FUSION  
[54] PROTHESE POUR FAVORISER LA  
SOUDURE OSSEUSE  
INTERVERTEBRALE  
[72] BRANTIGAN, JOHN W., US  
[73] DEPUY ACROMED, INC., US  
[85] 1996-03-14  
[86] 1994-09-07 (PCT/US1994/009649)  
[87] (WO1995/008964)  
[30] US (08/123,191) 1993-09-20

[11] 2,173,152  
[13] C

[51] Int.Cl. 6A01N 47/36 6A01N 25/32  
[25] EN  
[54] NEW MIXTURES OF HERBICIDES  
AND ANTIDOTES  
[54] NOUVEAUX MELANGES  
D'HERBICIDES ET D'ANTIDOTES  
[72] WILLMS, LOTHAR, DE  
[72] BIERINGER, HERMANN, DE  
[72] HACKER, ERWIN, DE  
[72] KEHNE, HEINZ, DE  
[73] HOECHST SCHERING AGREVO  
GMBH, DE  
[85] 1996-03-29  
[86] 1994-09-19 (PCT/EP1994/003127)  
[87] (WO1995/008919)  
[30] DE (P 43 33 249.8) 1993-09-30

[11] 2,173,626  
[13] C

[51] Int.Cl. 6C12N 15/12 6A61K 48/00  
6A01K 67/027 6A61K 38/39 6C12Q 1/68  
6C07K 14/78  
[25] EN  
[54] BIK CHAIN OF LAMININ AND  
METHODS OF USE  
[54] CHAINE B1K DE LAMININE ET  
PROCEDES D'UTILISATION  
[72] BURGESSON, ROBERT E., US  
[72] WAGMAN, DAVID WOLFE, US  
[73] THE GENERAL HOSPITAL  
CORPORATION, US  
[73] THE STATE OF OREGON ACTING  
BY AND THROUGH THE STATE BOARD  
OF HIGHER EDUCATION ON BEHALF  
OF OREGON HEALTH SCIENCES  
UNIVERSITY, US  
[85] 1996-04-04  
[86] 1994-10-26 (PCT/US1994/012266)  
[87] (WO1995/011972)  
[30] US (08/144,121) 1993-10-27

[11] 2,178,343  
[13] C

[51] Int.Cl. 6A01K 13/00 6A46B 1/00  
[25] EN  
[54] HAND-HELD BRUSH  
[54] BROsse A MAIN  
[72] BERTWELL, DALE E., US  
[72] MARKHAM, JOSEPH P., US  
[73] B & G VENTURES, INC., US  
[85] 1996-06-05  
[86] 1994-11-23 (PCT/US1994/013399)  
[87] (WO1995/015679)  
[30] US (08/162,269) 1993-12-07  
[30] US (08/225,566) 1994-04-11

[11] 2,178,473  
[13] C

[51] Int.Cl. 6A61K 31/58 6A61K 9/12  
6A61K 9/72  
[25] EN  
[54] FLUNISOLIDE AEROSOL  
FORMULATIONS  
[54] COMPOSITIONS D'AEROSOLS A  
BASE DE FLUNISOLIDE  
[72] TZOU, TSI-ZONG, US  
[72] SCHULTZ, ROBERT K., US  
[72] ROSS, DANNA L., US  
[73] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US  
[85] 1996-06-06  
[86] 1994-11-15 (PCT/US1994/013203)  
[87] (WO1995/017195)  
[30] US (08/170,509) 1993-12-20

[11] 2,180,647  
[13] C

[51] Int.Cl. 6E05D 15/24 6E05D 13/00  
6E05D 15/16 6E05D 15/38 6E06B 3/48  
[25] EN  
[54] DOOR EDGE GUIDING  
ARRANGEMENT  
[54] SYSTEME DE GUIDAGE POUR  
RIVE DE PORTE  
[72] EKSTRAND, MARIE INGELA  
CHRISTINA, SE  
[72] BERTILSSON, HANS-INGE, SE  
[72] LARSSON, NILS HAKAN IVAR, SE  
[73] ALBANY DOOR SYSTEMS AB, SE  
[85] 1996-07-05  
[86] 1995-01-17 (PCT/SE1995/000037)  
[87] (WO1995/019487)  
[30] SE (9400107-0) 1994-01-17

**Brevets canadiens délivrés  
24 août 2004**

---

[11] **2,185,800**  
[13] C

[51] **Int.Cl. 6H04N 5/262**  
[25] EN  
[54] **PIPELINE PROCESSING OF STILL IMAGES ADAPTED FOR REAL TIME EXECUTION OF DIGITAL VIDEO EFFECTS**  
[54] **TRAITEMENT PAR CHEVAUCHEMENT D'IMAGES FIXES ADAPTE A L'EXECUTION EN TEMPS REEL D'EFFETS VIDEO NUMERIQUES**  
[72] DER, HARRY, US  
[72] HORNE, BARRY, US  
[72] KURTZE, JEFFREY, US  
[73] AVID TECHNOLOGY, INC., US  
[85] 1996-09-17  
[86] 1995-03-20 (PCT/US1995/003527)  
[87] (WO1995/026100)  
[30] US (08/214,605) 1994-03-18

---

[11] **2,189,220**  
[13] C

[51] **Int.Cl. 6E01B 29/02**  
[25] EN  
[54] **MACHINE FOR DISMANTLING AN OLD TRACK AND LAYING A NEW TRACK**  
[54] **MACHINE SERVANT A DEMONTER DES RAILS ET EN INSTALLER DE NOUVEAUX**  
[72] THEURER, JOSEF, AT  
[72] BRUNNINGER, MANFRED, AT  
[73] FRANZ PLASSER  
BAHNBAUMASCHINEN-  
INDUSTRIEGESELLSCHAFT M.B.H., AT  
[22] 1996-10-30  
[30] AT (A 1801/95) 1995-10-31

---

[11] **2,191,410**  
[13] C

[51] **Int.Cl. 6E21B 33/134 6E21B 33/12**  
[25] EN  
[54] **THRU TUBING BRIDGE PLUG AND METHOD**  
[54] **BOUCHON PROVISOIRE DE TUBAGE ET METHODE CORRESPONDANTE**  
[72] DUNLAP, KENNETH S., US  
[72] BRADDICK, BRITT O., US  
[73] TIW CORPORATION, US  
[22] 1996-11-27  
[30] US (08/572,786) 1995-12-15

---

---

[11] **2,191,848**  
[13] C

[51] **Int.Cl. 6H04J 3/07 6H04B 10/18**  
[25] EN  
[54] **APPARATUS AND METHOD FOR LIMITING JITTER CAUSED BY POINTER MOVEMENT**  
[54] **APPAREIL ET PROCEDE DE LIMITATION DES INSTABILITES PROVOQUEES PAR LE MOUVEMENT D'UN POINTEUR**  
[72] NG, TAT K., US  
[72] GILBOA, PAZ, IL  
[73] ECI TELECOM, IL  
[73] TRANSWITCH CORPORATION, US  
[85] 1996-12-02  
[86] 1995-06-02 (PCT/US1995/007021)  
[87] (WO1995/034146)  
[30] US (08/253,382) 1994-06-03

---

[11] **2,193,083**  
[13] C

[51] **Int.Cl. 6E06B 9/56**  
[25] EN  
[54] **APPARATUS FOR SEALING OFF AN OPENING**  
[54] **APPAREIL SERVANT A OBTURER UNE OUVERTURE**  
[72] ALLEN, THOMAS H., US  
[73] ALLEN, THOMAS H., US  
[85] 1996-12-16  
[86] 1994-06-17 (PCT/US1994/006899)  
[87] (WO1995/035427)

---

[11] **2,193,523**  
[13] C

[51] **Int.Cl. 6F16L 58/18 6F16L 15/00 6F16L 58/10**  
[25] FR  
[54] **JOINT FILETE POUR TUBES METALLIQUES AVEC REVETEMENT INTERIEUR**  
[54] **THREADED METAL TUBE JOINTS WITH AN INNER COATING**  
[72] NOEL, THIERRY, FR  
[73] SUMITOMO METAL INDUSTRIES, LTD., JP  
[73] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR  
[22] 1996-12-19  
[30] FR (95 15 412) 1995-12-22

---

---

[11] **2,194,385**  
[13] C

[51] **Int.Cl. 6A23L 1/39 6A23L 1/05**  
[25] EN  
[54] **LIQUID SAUCE OR SOUP SAUCE LIQUIDE OU SOUPE**  
[72] APPELQVIST, INGRID ANNE  
MARIE, GB  
[72] BROWN, CHARLES RUPERT  
TELFORD, GB  
[72] NORTON, IAN TIMOTHY, GB  
[73] UNILEVER PLC, GB  
[85] 1997-01-03  
[86] 1995-06-24 (PCT/EP1995/002487)  
[87] (WO1996/002152)  
[30] EP (94305213.4) 1994-07-15

---

[11] **2,195,898**  
[13] C

[51] **Int.Cl. 6B27B 11/00**  
[25] EN  
[54] **LOG SAWING ASSEMBLY**  
[54] **ENSEMBLE DE SCIAGE DE RONDINS**  
[72] HAMBY, THOMAS E., JR., US  
[73] HAMBY, THOMAS E., JR., US  
[22] 1997-01-24  
[30] US (08/597,927) 1996-02-07

---

[11] **2,197,400**  
[13] C

[51] **Int.Cl. 6C30B 31/20**  
[25] EN  
[54] **FABRICATION OF SUB-MICRON SILICIDE STRUCTURES ON SILICON USING RESISTLESS ELECTRON BEAM LITHOGRAPHY**  
[54] **FABRICATION DE STRUCTURES SUBMICRONIQUES EN SILICIURE SUR SILICIUM PAR GRAVURE A FAISCEAU ELECTRONIQUE SANS AGENT DE RESERVE**  
[72] DROUIN, DOMINIQUE, CA  
[72] BEAUVAIS, JACQUES, CA  
[72] LAVALLEE, ERIC, CA  
[73] QUANTISCRIPIT INC., CA  
[22] 1997-02-12

---

Canadian Patents Issued  
August 24, 2004

[11] 2,198,714  
[13] C

[51] Int.Cl. 6H01S 3/13  
[25] EN  
[54] TEMPERATURE COMPENSATION METHOD AND APPARATUS FOR WAVE METERS AND TUNABLE LASERS CONTROLLED THEREBY  
[54] PROCEDE ET APPAREIL DE COMPENSATION THERMIQUE POUR ONDEMETRES ET LASERS ACCORDABLES COMMANDES PAR CE PROCEDE  
[72] SANDSTROM, RICHARD L., US  
[73] CYMER, INC., US  
[85] 1997-02-27  
[86] 1994-08-31 (PCT/US1994/009832)  
[87] (WO1996/007224)

[11] 2,201,820  
[13] C

[51] Int.Cl. 6H01H 3/32  
[25] EN  
[54] ACTUATOR WITH A TRIGGERABLE ELEMENT OF VARIABLE LENGTH MADE OF A MULTIFUNCTIONAL MATERIAL  
[54] ACTIONNEUR A ELEMENT DECLENCHABLE DE LONGUEUR VARIABLE FAIT D'UN MATERIAU MULTIFONCTIONNEL  
[72] BREITBACH, ELMAR J., DE  
[72] BEIN, THILO, DE  
[73] DEUTSCHE FORSCHUNGSANSTALT FUR LUFT-UND RAUMFAHRT E.V., DE  
[22] 1997-04-04  
[30] DE (196 14 044.7-35) 1996-04-10

[11] 2,214,476  
[13] C

[51] Int.Cl. 6B60T 13/68  
[25] EN  
[54] MODULAR LOCOMOTIVE BRAKE CONTROL UNIT  
[54] UNITE MODULAIRE DE COMMANDE DE FREIN DE LOCOMOTIVE  
[72] NEWTON, RONALD O., US  
[72] WRIGHT, ERIC C., US  
[72] ALLEN, JOHN J., US  
[72] SINN, RICHARD E., US  
[72] ROOT, KEVIN B., US  
[72] PIERCE, BRETT A., US  
[72] PETTIT, D. MARK, US  
[73] NEW YORK AIR BRAKE CORPORATION, US  
[22] 1997-09-12  
[30] US (60/026,039) 1996-09-13

[11] 2,198,781  
[13] C

[51] Int.Cl. 6C07C 211/27 6C07C 209/08  
[25] EN  
[54] PREPARATION OF SELEGILINE  
[54] PROCEDE DE FABRICATION DE SELEGILINE  
[72] OTT-DEMBROWSKI, SILVIA, DE  
[72] CYRUS, RICHARD, DE  
[72] WAIBLINGER, HANS, DE  
[72] SCHMIDT, JORG, DE  
[73] KNOLL AKTIENGESELLSCHAFT, DE  
[85] 1997-02-27  
[86] 1995-09-02 (PCT/EP1995/003460)  
[87] (WO1996/008461)  
[30] DE (P 44 32 610.6) 1994-09-13

[11] 2,201,897  
[13] C

[51] Int.Cl. 6E06B 3/66 6B32B 31/04 6C03C 27/12 6E06B 3/663 6E06B 3/673  
[25] EN  
[54] DESIGN IMPROVEMENTS TO VACUUM GLAZING  
[54] AMELIORATIONS APORTEES A LA CONCEPTION DE VITRAGES SOUS VIDE  
[72] TANG, JIAN ZHENG, AU  
[72] COLLINS, RICHARD EDWARD, AU  
[73] THE UNIVERSITY OF SYDNEY, AU  
[85] 1997-04-04  
[86] 1995-09-28 (PCT/AU1995/000640)  
[87] (WO1996/012862)  
[30] AU (PM8889) 1994-10-19

[11] 2,214,949  
[13] C

[51] Int.Cl. 6C03B 7/088  
[25] EN  
[54] METHOD AND APPARATUS FOR DELIVERING A CASED GLASS STREAM  
[54] METHODE ET APPAREIL POUR DEVERSER UN FLUX DE VERRE DOUBLE  
[72] SCOTT, GARRETT L., US  
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[22] 1997-09-08  
[30] US (08/716,918) 1996-09-20

[11] 2,201,784  
[13] C

[51] Int.Cl. 6A61K 45/06 6A61K 31/04 6A61K 31/195  
[25] EN  
[54] METHOD AND FORMULATION OF STIMULATING NITRIC OXIDE SYNTHESIS  
[54] PROCEDE ET FORMULATION POUR STIMULER LA SYNTHESE DE L'OXYDE D'AZOTE  
[72] KAESEMAYER, WAYNE H., US  
[73] ANGIOGENIX, INC., US  
[85] 1997-04-03  
[86] 1995-10-05 (PCT/US1995/012780)  
[87] (WO1996/010910)  
[30] US (08/321,051) 1994-10-05

[11] 2,207,224  
[13] C

[51] Int.Cl. 6B41J 2/175  
[25] EN  
[54] INK RESERVOIR FOR INK-JET PRINTER  
[54] RESERVOIR D'ENCRE POUR IMPRIMANTE A JET D'ENCRE  
[72] LANGLEY, ANDREW, CA  
[73] LANGLEY, ANDREW, CA  
[22] 1997-06-09

[11] 2,216,952  
[13] C

[51] Int.Cl. 6A61F 2/06  
[25] EN  
[54] PULL BACK STENT DELIVERY SYSTEM  
[54] DISPOSITIF DE MISE EN PLACE D'UN EXTENSEUR PAR RETRAIT  
[72] DEL TORO, CONNIE, US  
[73] SCIMED LIFE SYSTEMS INC., US  
[85] 1997-09-30  
[86] 1996-04-05 (PCT/US1996/004744)  
[87] (WO1996/031174)  
[30] US (08/417,385) 1995-04-05

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,218,613**  
[13] C

[51] **Int.Cl. 6A21C 5/02**  
[25] EN  
[54] **IMPROVED DOUGH DIVIDER**  
[54] **DISPOSITIF AMELIORE POUR  
DECOUPER UNE PATE**  
[72] WILLETT, PAUL EATON, AU  
[73] MOFFAT PTY LTD, AU  
[85] 1997-10-17  
[86] 1996-04-19 (PCT/AU1996/000233)  
[87] (WO1996/032845)  
[30] AU (PN 2511) 1995-04-19  
[30] AU (PN 2504) 1995-04-20  
[30] AU (PN 5032) 1995-08-25

[11] **2,218,632**  
[13] C

[51] **Int.Cl. 6B41M 5/28**  
[25] EN  
[54] **THERMALLY-RESPONSIVE  
RECORD MATERIAL**  
[54] **MATERIEL D'ENREGISTREMENT  
THERMOSENSIBLE**  
[72] DEBRAAL, JOHN CHARLES, US  
[72] GUSSE, JOSEPH PETER, US  
[72] FISHER, MARK ROBERT, US  
[73] APPLETON PAPERS INC., US  
[22] 1997-10-20  
[30] US (08/842,965) 1997-04-25

[11] **2,218,930**  
[13] C

[51] **Int.Cl. 6E04C 1/42**  
[25] EN  
[54] **SPACER FOR GLASS BLOCKS**  
[54] **ENTRETOISE DESTINEE A DES  
BRIQUES DE VERRE**  
[72] FRIESEN, JED CHRISTOPHER, CA  
[72] CERVENKA, BOHUMIR, CA  
[73] FRIESEN, JED CHRISTOPHER, CA  
[85] 1997-10-22  
[86] 1996-04-26 (PCT/CA1996/000265)  
[87] (WO1996/034159)  
[30] US (08/427,842) 1995-04-26

[11] **2,220,369**  
[13] C

[51] **Int.Cl. 6A63F 1/00**  
[25] EN  
[54] **CASINO CARD GAME**  
[54] **JEU DE CARTES CASINO**  
[72] HSU, JAMES, US  
[73] HSU, JAMES, US  
[22] 1997-11-06  
[30] US (08/752,043) 1996-11-19

[11] **2,220,544**  
[13] C

[51] **Int.Cl. 6F16H 48/26 6B60K 23/04**  
[25] EN  
[54] **TORQUE SPLITTING DEVICE  
WITH AN IMPROVED CURVE  
TURNING PROPERTY**  
[54] **DISPOSITIF DE DIVISION DE  
COUPLE A FONCTION DE VIRAGE  
AMELIOREE**  
[72] OHKUMA, SHINJI, JP  
[72] AKAOGI, SHOJI, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA (ALSO TRADING  
AS HONDA MOTOR CO., LTD.), JP  
[22] 1997-11-10  
[30] JP (8-302868) 1996-11-14

[11] **2,220,807**  
[13] C

[51] **Int.Cl. 6G08B 13/18**  
[25] EN  
[54] **MOTION DETECTION WITH RFI/  
EMI PROTECTION**  
[54] **DETECTION DE MOUVEMENT  
AVEC PROTECTION RFI-EMI**  
[72] SHPATER, PINHAS, CA  
[73] HERSHKOVITZ, SHMUEL, CA  
[22] 1997-11-12  
[30] US (08/967,040) 1997-11-10

[11] **2,221,040**  
[13] C

[51] **Int.Cl. 6C05G 3/00**  
[25] EN  
[54] **COATED FERTILIZER GRANULES**  
[54] **ENGRAIS SOUS FORME DE  
GRANULES ENROBES**  
[72] ENGELHARDT, KARL, DE  
[72] KLEINBACH, EBERHARD, DE  
[72] MULLER, MICHAEL WOLFGANG,  
DE  
[72] HORCHLER VON LOCQUENGHEN,  
KLAUS, DE  
[73] K + S AKTIENGESELLSCHAFT, DE  
[85] 1997-12-03  
[86] 1996-06-03 (PCT/EP1996/002390)  
[87] (WO1996/041779)  
[30] DE (19521502.8) 1995-06-13

[11] **2,221,322**  
[13] C

[51] **Int.Cl. 6B22D 11/22 6B22D 11/124**  
[25] EN  
[54] **NON-CONTACT HEAT  
ABSORBERS FOR STRIP CASTING**  
[54] **ABSORBEURS DE CHALEUR SANS  
CONTACT POUR LA COULEE EN  
BANDES**  
[72] BLEJDE, WALTER, AU  
[72] FUKASE, HISAHIKO, AU  
[72] MAHAPATRA, RAMA BALLAV, AU  
[73] CASTRIP, LLC, US  
[85] 1997-11-17  
[86] 1997-03-06 (PCT/AU1997/000133)  
[87] (WO1997/034718)  
[30] AU (PN 8725) 1996-03-19

[11] **2,223,607**  
[13] C

[51] **Int.Cl. 6G01N 33/497 6G01N 37/00  
6G01N 33/98**  
[25] EN  
[54] **BREATH TESTING APPARATUS**  
[54] **ALCOOTEST**  
[72] ASPINALL, JASON, GB  
[72] KING, PAUL, GB  
[73] LION LABORATORIES LIMITED, GB  
[85] 1997-12-04  
[86] 1996-06-14 (PCT/GB1996/001419)  
[87] (WO1997/000443)  
[30] GB (9512396.4) 1995-06-17

[11] **2,225,750**  
[13] C

[51] **Int.Cl. 6A61M 15/00**  
[25] EN  
[54] **INHALATION DEVICE AND  
METHOD**  
[54] **DISPOSITIF ET PROCEDE  
D'INHALATION**  
[72] SHEPHERD, MICHAEL TREVOR, GB  
[73] FISONS LIMITED, GB  
[85] 1997-12-24  
[86] 1996-06-28 (PCT/GB1996/001553)  
[87] (WO1997/001365)  
[30] GB (9513218.9) 1995-06-29

Canadian Patents Issued  
August 24, 2004

---

[11] **2,230,081**  
[13] C  
[51] **Int.Cl. 6H04N 7/01 6H04N 5/44**  
[25] EN  
[54] **RECEIVER**  
[54] **RECEPTEUR**  
[72] MATSUTA, TOYOHICO, JP  
[72] MATSUURA, RYUJI, JP  
[72] YAMAGUCHI, TAKASHI, JP  
[73] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 1998-02-20  
[30] JP (9-35880) 1997-02-20

---

[11] **2,232,169**  
[13] C  
[51] **Int.Cl. 6F02K 3/00 6F02K 3/12**  
[25] FR  
[54] **GROUPE TURBOPROPULSEUR**  
**DOUBLE CORPS A REGULATION**  
**ISODROME**  
[54] **TWIN-SPOOL TURBOPROP**  
**POWERPLANT WITH BALANCED**  
**PRESSURE REGULATION**  
[72] LOISY, JEAN MAURICE, FR  
[73] SNECMA MOTEURS, FR  
[22] 1998-03-16  
[30] FR (97.03743) 1997-03-27

---

[11] **2,233,600**  
[13] C  
[51] **Int.Cl. 6H01Q 21/24 6H04B 7/00**  
**6H01Q 25/04**  
[25] EN  
[54] **PORTABLE RADIO**  
**COMMUNICATION DEVICE**  
[54] **DISPOSITIF DE**  
**COMMUNICATION RADIO PORTATIF**  
[72] SUGURO, AKIHIRO, JP  
[73] KYOCERA CORPORATION, JP  
[85] 1998-06-09  
[86] 1997-04-14 (PCT/JP1997/001290)  
[87] (WO1997/039493)  
[30] JP (8-94431) 1996-04-16  
[30] JP (8-94432) 1996-04-16

---

[11] **2,233,679**  
[13] C  
[51] **Int.Cl. 6H04B 3/23 6H04B 17/00**  
[25] EN  
[54] **AN ADAPTIVE DUAL FILTER**  
**ECHO CANCELLATION METHOD**  
[54] **PROCEDE ADAPTATIF**  
**D'ANNULATION D'ECHO PAR**  
**DOUBLE FILTRE**  
[72] KARLSEN, JOHNNY, SE  
[72] ERIKSSON, ANDERS, SE  
[73] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[85] 1998-04-01  
[86] 1996-10-16 (PCT/SE1996/001317)  
[87] (WO1997/015124)  
[30] SE (9503640-6) 1995-10-18

---

[11] **2,236,479**  
[13] C  
[51] **Int.Cl. 6D21C 11/10**  
[25] EN  
[54] **PROCESS FOR PURIFYING**  
**CONDENSATE WHILE EVAPORATING**  
**WASTE LIQUORS**  
[54] **PROCEDE DE PURIFICATION DE**  
**CONDENSAT TOUT EN EFFECTUANT**  
**L'EVAPORATION DE LIQUEURS**  
**USEES**  
[72] PETERSSON, LARS, SE  
[72] OLAUSSON, LARS, SE  
[72] WENNBERG, OLLE, SE  
[72] WERNQVIST, ANDERS, SE  
[73] KVAERNER PULPING AB, SE  
[85] 1998-04-30  
[86] 1996-10-21 (PCT/SE1996/001337)  
[87] (WO1997/016592)  
[30] SE (9503853-5) 1995-11-01

---

[11] **2,239,563**  
[13] C  
[51] **Int.Cl. 6G01V 3/11 6H02G 15/00**  
[25] EN  
[54] **TONE TRANSMISSION OVER**  
**CABLE SHEATHS FOR CABLE**  
**LOCATION**  
[54] **TRANSMISSION DE TONALITE**  
**PAR GAINES DE CABLE POUR LA**  
**LOCALISATION DE CABLES**  
[72] VOKEY, DAVID E., US  
[73] NORSCAN INSTRUMENTS LTD., CA  
[22] 1998-06-03

---

[11] **2,240,712**  
[13] C  
[51] **Int.Cl. 6A23C 19/16**  
[25] EN  
[54] **PROCESS AND FORMULATION**  
**FOR IMPROVED TEXTURE AND MELT**  
**OF REDUCED-FAT CHEESE PRODUCT**  
[54] **PROCEDE ET FORMULATION**  
**POUR OBTENIR UNE TEXTURE ET**  
**UNE FUSION AMELIOREES POUR LES**  
**PRODUITS FROMAGERS PAUVRES EN**  
**GRAS**  
[72] ZAIKOS, WILLIAM JOHN, US  
[72] MEHNERT, DAVID WEBB, US  
[72] KERRIGAN, GARY LEE, US  
[73] KRAFT FOODS, INC., US  
[22] 1998-06-15  
[30] US (890,120) 1997-07-09

---

[11] **2,246,432**  
[13] C  
[51] **Int.Cl. 6H04B 7/204 6H04Q 7/22**  
[25] EN  
[54] **TELECOMMUNICATION**  
**NETWORK HAVING TIME**  
**ORTHOGONAL WIDEBAND AND**  
**NARROWBAND SYSTEMS**  
[54] **RESEAU DE**  
**TELECOMMUNICATIONS**  
**COMPORTANT DES SYSTEMES A**  
**BANDE LARGE ET A BANDE ETROITE**  
**A ORTHOGONALITE TEMPORELLE**  
[72] UDDENFELDT, JAN, SE  
[73] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[85] 1998-08-12  
[86] 1997-02-12 (PCT/SE1997/000217)  
[87] (WO1997/030526)  
[30] US (08/601,138) 1996-02-13

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,247,033**  
[13] C

[51] **Int.Cl. 6B41J 2/175**  
[25] EN  
[54] **LIQUID CONTAINMENT AND DISPENSING DEVICE WITH IMPROVED POSITION INDICATING INDICIA**  
[54] **DISPOSITIF DE STOCKAGE ET DE DISTRIBUTION DE LIQUIDE AVEC DES EMPREINTES AMELIOREES INDIQUANT L'EMPLACEMENT**  
[72] HMELAR, SUSAN M., US  
[72] CONTAXIS, WILLIAM III, US  
[72] WALLACE, J. KENNETH, US  
[73] HEWLETT-PACKARD COMPANY, US  
[73] OWENS-ILLINOIS CLOSURE INC., US  
[22] 1998-09-14  
[30] US (08/934,564) 1997-09-22

[11] **2,249,549**  
[13] C

[51] **Int.Cl. 6G06K 5/00 6G06K 13/04 6G06K 13/06 6G06K 19/06**  
[25] EN  
[54] **CARD TRANSPORT MECHANISM AND METHOD OF OPERATION**  
[54] **MECANISME DE TRANSPORT DE CARTES ET MODE DE FONCTIONNEMENT**  
[72] LAMANNA, RICHARD J., US  
[72] ROTH, PHILIP M., US  
[72] HAGUE, EDWARD W., US  
[72] PANKIW, IGOR, US  
[72] ASHLEY, KEITH R., US  
[73] CARD TECHNOLOGY CORPORATION, US  
[85] 1998-09-11  
[86] 1997-03-07 (PCT/US1997/003506)  
[87] (WO1997/033245)  
[30] US (08/613,095) 1996-03-08

[11] **2,250,278**  
[13] C

[51] **Int.Cl. 6H04L 12/26 6H04L 12/46 6H04L 12/56 6G06F 17/60**  
[25] EN  
[54] **PERFORMANCE MONITORING OF AN ATM SWITCH**  
[54] **CONTROLE DES PERFORMANCES D'UN COMMUTEUR ATM**  
[72] CHEN, THOMAS M., US  
[72] LIU, STEPHEN S., US  
[73] VERIZON LABORATORIES INC., US  
[85] 1998-09-28  
[86] 1997-03-27 (PCT/US1997/004999)  
[87] (WO1997/037310)  
[30] US (08/625,102) 1996-04-01

[11] **2,251,614**  
[13] C

[51] **Int.Cl. 6H04L 7/04 6H04L 5/24 6H04L 25/38**  
[25] FR  
[54] **PROCEDE DE TRANSMISSION D'UNE VOIE DE SERVICE DANS UNE TRAME PLESIOCHRONE DE LADITE VOIE DE SERVICE ET SYSTEME DE TRANSMISSION CORRESPONDANT**  
[54] **METHOD FOR TRANSMITTING A SERVICE CHANNEL IN A PLESIOCHRONOUS FRAME OF SAID SERVICE CHANNEL AND CORRESPONDING TRANSMISSION SYSTEM**  
[72] DEBRAY, BERTRAND, FR  
[73] ALCATEL, FR  
[85] 1998-09-29  
[86] 1998-01-29 (PCT/FR1998/000162)  
[87] (WO1998/034361)  
[30] FR (97/00992) 1997-01-30

[11] **2,252,160**  
[13] C

[51] **Int.Cl. 6A63B 59/14 6A63B 69/06**  
[25] EN  
[54] **STICK BLADE**  
[54] **PALETTE DE BATON**  
[72] NAPOLITANO, TONY, CA  
[72] LUKEY, RODERICK, CA  
[73] NAPOLITANO, TONY, CA  
[73] LUKEY, RODERICK, CA  
[22] 1998-10-26

[11] **2,252,984**  
[13] C

[51] **Int.Cl. 6H01B 7/34**  
[25] EN  
[54] **A MULTIPLE PARALLEL CONDUCTOR FEATURING CONDUCTORS PARTIALLY WRAPPED WITH AN ARAMID OR OTHER SUITABLE WRAPPING MATERIAL**  
[54] **CONDUCTEUR PARALLELE MULTIPLE COMPRENANT DES CONDUCTEURS PARTIELLEMENT ENROULES D'UN ARAMIDE OU D'UNE AUTRE MATIERE CONVENABLE**  
[72] CLARKSON, CHARLES G., CA  
[72] BYRNE, MICHAEL J., CA  
[73] VA TECH FERRANTI-PACKARD TRANSFORMERS LIMITED, CA  
[73] NEXANS, FR  
[22] 1998-11-27  
[30] US (09/083,710) 1998-05-22

[11] **2,253,066**  
[13] C

[51] **Int.Cl. 6B65D 33/16 6B65B 9/20**  
[25] EN  
[54] **AN AUTOMATIC MACHINE FOR FORMING, FILLING, AND SEALING BAGS HAVING TRANSVERSE CLOSURE STRIPS, AND BAGS OBTAINED THEREBY**  
[54] **MACHINE AUTOMATIQUE DE FORMAGE-REMPLISSAGE-SCCELLAGE DE SACS A BANDES DE FERMETURE TRANSVERSALES ET SACS AINSI OBTENUS**  
[72] BOIS, HENRI GEORGES, FR  
[73] FLEXICO-FRANCE, FR  
[22] 1998-11-05  
[30] FR (97 13944) 1997-11-06

Canadian Patents Issued  
August 24, 2004

[11] **2,253,603**  
[13] C  
[51] **Int.Cl. 6G01D 5/14 6G08C 21/00 6G01V 3/08 6A61B 5/103**  
[25] EN  
[54] **DISPLACEMENT-CURRENT SENSOR AND METHOD FOR DETERMINING THREE-DIMENSIONAL POSITION, ORIENTATION AND MASS DISTRIBUTION**  
[54] **DETECTEURS A DEPLACEMENT DE COURANT ET PROCEDE DE DETERMINATION D'UNE POSITION EN TROIS DIMENSIONS, D'UNE ORIENTATION ET D'UNE DISTRIBUTION DE MASSE**  
[72] GERSHENFELD, NEIL, US  
[72] SMITH, JOSHUA R., US  
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 1998-10-30  
[86] 1997-04-25 (PCT/US1997/007017)  
[87] (WO1997/041458)  
[30] US (08/640,569) 1996-05-01

[11] **2,253,620**  
[13] C  
[51] **Int.Cl. 6B21C 25/02 6B21C 25/10**  
[25] EN  
[54] **EXTRUSION DIE**  
[54] **FILIERE D'EXTRUSION**  
[72] HUANG, YEN-CHIEH, XX  
[72] CHANG, SHU-HUA, XX  
[72] HUANG, YEAN-JENQ, US  
[73] HUANG, YEN-CHIEH, XX  
[73] CHANG, SHU-HUA, XX  
[73] HUANG, YEAN-JENQ, US  
[85] 1998-11-04  
[86] 1997-05-13 (PCT/US1997/007992)  
[87] (WO1997/043059)  
[30] US (08/647,579) 1996-05-13

[11] **2,253,744**  
[13] C  
[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **INDEXING DATABASES FOR EFFICIENT RELATIONAL QUERYING**  
[54] **BASES DE DONNEES A INDEXAGE PERMETTANT LES INTERROGATIONS RELATIONNELLES EFFICACES**  
[72] CONSENS, MARIANO PAULO, CA  
[73] JOINT TECHNOLOGY CORPORATION, CA  
[22] 1998-11-10

[11] **2,254,752**  
[13] C  
[51] **Int.Cl. 6A23F 5/16**  
[25] EN  
[54] **A PROCESS TO REMOVE MICOTOXINS FROM A LOAD OF GREEN COFFEE**  
[54] **PROCEDE POUR ENLEVER LES MICOTOXINES D'UNE CHARGE DE CAFE VERT**  
[72] FABIAN, MASSIMILIANO, IT  
[73] DEMUS S.P.A., IT  
[85] 1998-11-12  
[86] 1997-04-22 (PCT/EP1997/002014)  
[87] (WO1997/042831)  
[30] IT (MI96A000960) 1996-05-13

[11] **2,256,722**  
[13] C  
[51] **Int.Cl. 6G06F 17/00 6G06F 17/30**  
[25] EN  
[54] **INTERNET ACCESS SYSTEM AND METHOD WITH ACTIVE LINK STATUS INDICATORS**  
[54] **SYSTEME ET PROCEDE D'ACCES A INTERNET A INDICATEURS D'ETAT DES LIAISONS ACTIVES**  
[72] FREUND, YOAV, US  
[73] AT&T CORP., US  
[85] 1998-11-30  
[86] 1997-05-28 (PCT/US1997/009062)  
[87] (WO1997/046955)  
[30] US (60/018,964) 1996-06-07  
[30] US (08/839,310) 1997-04-18

[11] **2,257,778**  
[13] C  
[51] **Int.Cl. 6E06B 9/30**  
[25] EN  
[54] **VENETIAN BLIND PROVIDED WITH SLAT-LIFTING MECHANISM HAVING CONSTANT FORCE EQUILIBRIUM**  
[54] **STORE VENITIEN A MECANISME DE TIRAGE DES LAMES PRESENTANT UN EQUILIBRE DES FORCES CONSTANT**  
[72] HSU, YA-WEI, XX  
[72] HU KAO, FU-JEN, XX  
[72] CHENG, CHEN-CHIN, XX  
[72] WANG, WEI-CHENG, XX  
[73] INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, XX  
[73] NIEN MADE ENTERPRISE CO., LTD., XX  
[22] 1999-01-06

[11] **2,257,801**  
[13] C  
[51] **Int.Cl. 6A61M 1/14 6A61M 1/34**  
[25] EN  
[54] **DISPOSABLE HEMODIAFILTRATION SET D'HEMODIAFILTRATION JETABLE**  
[72] SANDBERG, LARS-OLOF, SE  
[72] FALKVALL, THORE, SE  
[72] CARLSSON, PER-OLOV, SE  
[73] ALTHIN MEDICAL AB, SE  
[85] 1998-12-08  
[86] 1997-06-13 (PCT/SE1997/001049)  
[87] (WO1998/016269)  
[30] SE (9602329-6) 1996-06-13

[11] **2,258,013**  
[13] C  
[51] **Int.Cl. 6A61K 31/535 6A61K 31/16 6A61K 31/40 6A61K 31/44 6A61K 31/445 6A61K 31/495**  
[25] EN  
[54] **SUBSTITUTED BENZYLIDENE INDENYL FORMAMIDES, ACETAMIDES AND PROPIONAMIDES**  
[54] **ACETAMIDES, PROPIONAMIDES ET BENZYLIDENE-INDENYL FORMAMIDES SUBSTITUES**  
[72] PIAZZA, GARY A., US  
[72] SPERL, GERHARD, US  
[72] GROSS, PAUL, US  
[72] BRENDEL, KLAUS, US  
[72] PAMUKCU, RIFAT, US  
[73] UNIVERSITY OF ARIZONA, US  
[73] CELL PATHWAYS, INC., US  
[85] 1998-12-11  
[86] 1997-06-12 (PCT/US1997/010250)  
[87] (WO1997/047303)  
[30] US (08/661,293) 1996-06-13  
[30] US (08/868,182) 1997-06-03

[11] **2,259,315**  
[13] C  
[51] **Int.Cl. 6H03F 1/32 6H03F 3/24**  
[25] EN  
[54] **DEVICE AND METHOD FOR COMPENSATING PHASE DISTORTION**  
[54] **DISPOSITIF ET PROCEDE SERVANT A CORRIGER UNE DISTORSION DE PHASE**  
[72] CARLSSON, TORSTEN, SE  
[72] HELLMARK, MARTIN, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1998-12-22  
[86] 1997-06-10 (PCT/SE1997/001011)  
[87] (WO1998/000909)  
[30] SE (9602585-3) 1996-06-28

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,259,537**  
[13] C

[51] **Int.Cl. 6C11B 3/00 6C07J 53/00 6A23D 9/02**  
[25] EN  
[54] **PROCESS FOR OBTAINING ORYZANOL**  
[54] **PROCEDE D'OBTENTION D'ORYZANOL**  
[72] HOFMAN, CORNELIS, NL  
[72] ZWANENBURG, AREND, NL  
[72] VAN AMERONGEN, MARNIX P., NL  
[73] UNILEVER PLC, GB  
[85] 1999-01-04  
[86] 1997-06-30 (PCT/EP1997/003491)  
[87] (WO1998/001519)  
[30] EP (96201870.1) 1996-07-05

[11] **2,260,534**  
[13] C

[51] **Int.Cl. 6B05C 5/02 6D21H 23/68**  
[25] EN  
[54] **FOUNTAIN COATING APPLICATOR AND FOUNTAIN COATING APPLICATOR SUPPORT BEAM**  
[54] **APPLICATEUR-FONTAINE DE REVETEMENT ET BRAS SUPPORT POUR APPLICATEUR-FONTAINE DE REVETEMENT**  
[72] GOECKS, ROGER L., US  
[72] BASSETT, WILLIAM J., US  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[73] METSO PAPER INC., FI  
[22] 1999-01-26  
[30] US (072,742) 1998-01-27  
[30] US (226,700) 1999-01-07

[11] **2,263,516**  
[13] C

[51] **Int.Cl. 6F01D 5/18**  
[25] EN  
[54] **COOLED GAS TURBINE BLADE**  
[54] **AUBE DE REFROIDISSEMENT DE TURBINE A GAZ**  
[72] FUKUNO, HIROKI, JP  
[72] TOMITA, YASUOKI, JP  
[72] HASHIMOTO, YUKIHIRO, JP  
[72] SUENAGA, KIYOSHI, JP  
[72] MAEDA, SHIGEYUKI, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-02-10  
[86] 1998-06-12 (PCT/JP1998/002594)  
[87] (WO1998/057041)  
[30] JP (9/155124) 1997-06-12

[11] **2,265,317**  
[13] C

[51] **Int.Cl. 6B41J 2/455 6B41C 1/055 6B41F 13/193**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING A THERMAL TRANSFER PRINT BY MEANS OF TAPE-LIKE TRANSFER FILMS**  
[54] **METHODE ET APPAREIL DE PRODUCTION D'IMPRESSIONS PAR TRANSFERT THERMIQUE AU MOYEN DE FILMS DE TRANSFERT D'INTERDICTION D'ECRITURE**  
[72] FELLER, BERNHARD, DE  
[72] WEICHMANN, ARMIN, DE  
[72] MULLER, MICHAEL, DE  
[72] HARTMANN, THOMAS, DE  
[72] SCHUSTER, ALFONS, DE  
[72] PROBIAN, DIRK, DE  
[73] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 1999-03-15  
[30] DE (198 11 029.4) 1998-03-13

[11] **2,265,468**  
[13] C

[51] **Int.Cl. 6C01B 3/36 6B01J 8/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONVERTING HYDROCARBON FUEL INTO HYDROGEN GAS AND CARBON DIOXIDE**  
[54] **PROCEDE ET APPAREIL POUR TRANSFORMER DU CARBURANT HYDROCARBURE EN GAZ HYDROGENE ET EN DIOXYDE DE CARBONE**  
[72] MITCHELL, WILLIAM L., US  
[72] BENTLEY, JEFFREY M., US  
[72] THUISSEN, JOHANNES H.J., US  
[72] CLAWSON, LAWRENCE G., US  
[73] NUVERA FUEL CELLS, INC., US  
[85] 1999-02-24  
[86] 1997-08-25 (PCT/US1997/014906)  
[87] (WO1998/008771)  
[30] US (08/703,398) 1996-08-26

[11] **2,270,079**  
[13] C

[51] **Int.Cl. 6C22B 3/18**  
[25] EN  
[54] **RECOVERY OF NICKEL FROM BIOLEACH SOLUTION**  
[54] **RECUPERATION DE NICKEL DANS UNE SOLUTION DE LIXIVIATION BIOLOGIQUE**  
[72] DUYVESTSEYN, WILLEM P. C., US  
[72] OMOFOMA, MATT A., US  
[73] BHP MINERALS INTERNATIONAL INC., US  
[85] 1999-04-27  
[86] 1996-12-12 (PCT/US1996/019827)  
[87] (WO1998/026100)

[11] **2,270,141**  
[13] C

[51] **Int.Cl. 6B41L 21/12 6B26D 7/00 6B65H 23/038 6B65H 20/04 6B65H 23/192**  
[25] EN  
[54] **FRICION DRIVE APPARATUS FOR STRIP MATERIAL**  
[54] **ENTRAINEMENT A FRICTION POUR MATERIEL EN BANDES**  
[72] RICH, LEONARD G., US  
[72] GUCKIN, MARK E., US  
[72] WEBSTER, RONALD B., US  
[73] GERBER SCIENTIFIC PRODUCTS, INC., US  
[22] 1999-04-23  
[30] US (09/069,392) 1998-04-29

[11] **2,270,860**  
[13] C

[51] **Int.Cl. 6H01M 2/14**  
[25] EN  
[54] **SEPARATOR FOR FUEL CELL, FUEL CELL INCORPORATING THE SAME, AND METHOD OF PRODUCTION OF THE SAME**  
[54] **SEPARATEUR DE PILE A COMBUSTIBLE, PILE COMPRENANT CE SEPARATEUR ET METHODE DE PRODUCTION DE CELUI-CI**  
[72] YAMANE, KEIJI, JP  
[72] NONOBE, YASUHIRO, JP  
[72] YOSHIMURA, JOJI, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[73] TOYO KOHAN CO., LTD., JP  
[22] 1999-05-04  
[30] JP (HEI 10-142189) 1998-05-07  
[30] JP (HEI 10-254625) 1998-08-24  
[30] JP (HEI 11-122495) 1999-04-28

Canadian Patents Issued  
August 24, 2004

---

[11] 2,271,807  
[13] C  
[51] Int.Cl. 6B65G 17/48  
[25] EN  
[54] CONVEYOR SYSTEM  
[54] SYSTEME DE CONVOYEUR  
[72] MURPHY, PATRICK M., US  
[73] VALIANT CORPORATION, CA  
[22] 1999-05-13  
[30] US (09/079,340) 1998-05-14

---

[11] 2,273,648  
[13] C  
[51] Int.Cl. 6C22C 1/03 6C22C 28/00  
6B22D 27/20  
[25] EN  
[54] STRONTIUM MASTER ALLOY  
COMPOSITION HAVING A REDUCED  
SOLIDUS TEMPERATURE AND  
METHOD OF MANUFACTURING THE  
SAME  
[54] ALLIAGE MERE DE STRONTIUM  
PRESENTANT UNE TEMPERATURE  
SOLIDUS REDUITE ET METHODE DE  
FABRICATION  
[72] BOONE, GARY W., US  
[72] FRANKLIN, DANIEL B., US  
[72] VAIS, PHILIP G., US  
[73] KB ALLOYS, INC., US  
[22] 1999-06-04  
[30] US (09/093,506) 1998-06-08

---

[11] 2,274,276  
[13] C  
[51] Int.Cl. 6F16L 3/04 6B60R 16/00  
6F16L 3/22  
[25] EN  
[54] CABLE RETAINER OF PLASTICS  
FOR VEHICLES  
[54] DISPOSITIF DE RETENUE DE  
CABLES EN PLASTIQUE POUR  
VEHICULES  
[72] REHBERG, KARSTEN, DE  
[72] STURIES, JENS, DE  
[73] ITW-ATECO G.M.B.H., DE  
[22] 1999-06-10  
[30] DE (198 28 073.4) 1998-06-24

---

[11] 2,274,446  
[13] C  
[51] Int.Cl. 6A01D 34/82 6A01G 3/00  
[25] EN  
[54] TOOL SYSTEM  
[54] SYSTEME D'OUTILS  
[72] THOMAS, ROGER, GB  
[73] BLACK & DECKER INC., US  
[22] 1999-06-14  
[30] GB (9812933.5) 1998-06-16

---

[11] 2,274,471  
[13] C  
[51] Int.Cl. 6B01D 53/047  
[25] EN  
[54] PSA APPARATUS AND PROCESS  
USING ADSORBENT MIXTURES  
[54] APPAREIL D'AMP ET PROCEDE  
UTILISANT DES MELANGES  
ADSORBANTS  
[72] LEAVITT, FREDERICK WELLS, US  
[72] HENZLER, GREGORY W., US  
[72] STEWART, ALAN BARNARD, US  
[72] ACKLEY, MARK WILLIAM, US  
[72] NOTARO, FRANK, US  
[72] KANE, MICHAEL SCOTT, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-06-11  
[30] US (09/097,172) 1998-06-12

---

[11] 2,275,985  
[13] C  
[51] Int.Cl. 6C09J 195/00  
[25] EN  
[54] WATERPROOFING MEMBRANE  
AND METHOD OF MANUFACTURE  
[54] MEMBRANE HYDROFUGE ET  
METHODE DE FABRICATION  
[72] PHILLIPS, AARON R., US  
[73] TAMKO ROOFING PRODUCTS, INC.,  
US  
[22] 1999-06-22  
[30] US (09/160,760) 1998-09-25

---

[11] 2,276,297  
[13] C  
[51] Int.Cl. 6G09F 7/18  
[25] EN  
[54] DUAL PURPOSE LABEL HOLDER  
ADAPTED FOR MOUNTING ON A  
CROSS BAR OR MOUNTING PLATE OF  
A MERCHANDISE DISPLAY HOOK  
[54] PORTE-ETIQUETTE A DOUBLE  
USAGE CONCU POUR FIXATION AU  
SURMONTAIRE OU A LA PLAQUE DE  
MONTAGE D'UN PRESENTOIR A  
CROCHET  
[72] THALENFELD, DAVID R., US  
[73] TRION INDUSTRIES, INC., US  
[22] 1999-06-25  
[30] US (09/122,212) 1998-07-24

---

[11] 2,276,654  
[13] C  
[51] Int.Cl. 6B65G 47/82 6C03B 35/10  
[25] EN  
[54] LEHR LOADER PUSHER BAR  
ASSEMBLY  
[54] ASSEMBLAGE D'UNE BARRE  
DIRECTRICE POUR CHARGEUR DE  
GALERIE DE RECUISSON  
[72] VAUGHN, JAMES H., US  
[73] OWENS-BROCKWAY GLASS  
CONTAINER INC., US  
[22] 1999-06-22  
[30] US (09/107,155) 1998-06-29

---

[11] 2,278,080  
[13] C  
[51] Int.Cl. 6E21B 47/12 6H04B 7/00  
[25] EN  
[54] FORMATION PRESSURE  
MEASUREMENT WITH REMOTE  
SENSORS IN CASSED HOLE  
[54] METHODE ET APPAREILLAGE  
DE MESURE DE PRESSION DE  
FORMATION AU MOYEN DE  
CAPTEURS ELOIGNES DANS UN  
PUITS TUBE  
[72] TABANOU, JACQUES R., US  
[72] CIGLENEC, REINHART, US  
[73] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 1999-07-20  
[30] US (09/135,774) 1998-08-18

---

[11] 2,278,214  
[13] C  
[51] Int.Cl. 6F41A 17/64  
[25] EN  
[54] SAFETY MECHANISM FOR A  
FIRING PIN  
[54] DISPOSITIF DE SURETE POUR  
PERCUTEUR  
[72] FLUHR, NORBERT, DE  
[73] HECKLER & KOCH GMBH, DE  
[85] 1999-07-20  
[86] 1998-01-23 (PCT/EP1998/000376)  
[87] (WO1998/033035)  
[30] DE (197 02 374.6) 1997-01-23

---

[11] 2,284,412  
[13] C  
[51] Int.Cl. 6A44C 17/04  
[25] EN  
[54] JEWELRY SUSPENSION HARNESS  
[54] FIL DE SUSPENSION DE BIJOU  
[72] COLERO, MICHAEL, CA  
[73] COLERO, MICHAEL, CA  
[22] 1999-09-30

**Brevets canadiens délivrés  
24 août 2004**

---

[11] **2,284,579**  
[13] C

[51] **Int.Cl. 6C04B 24/24**  
[25] EN  
[54] **ADDITIVE FOR PRODUCTION OF HIGHLY WORKABLE MORTAR CEMENT**  
[54] **ADJUVANT PERMETTANT LA PRODUCTION DE CIMENT DE MORTIER TRES MANIABLE**  
[72] ABELLEIRA, ANGEL, US  
[72] HALLOCK, JOHN, US  
[73] W.R. GRACE & CO.-CONN., US  
[85] 1999-09-14  
[86] 1998-03-10 (PCT/US1998/004643)  
[87] (WO1998/042631)  
[30] US (08/822,165) 1997-03-21

---

[11] **2,285,733**  
[13] C

[51] **Int.Cl. 6C07D 487/04 6C07D 401/06 6C07D 295/26 6C07D 231/40**  
[25] EN  
[54] **PROCESS FOR PREPARATION OF PYRAZOLO[4,3-D]PYRIMIDIN-7-ONES AND INTERMEDIATES THEREOF**  
[54] **PROCEDE DE PREPARATION DE PYRAZOLO[4,3-D]PYRIMIDIN-7-ONES ET DE LEURS INTERMEDIAIRES**  
[72] LEVETT, PHILIP CHARLES, GB  
[72] DUNN, PETER JAMES, GB  
[73] PFIZER IRELAND PHARMACEUTICALS, IE  
[22] 1999-10-08  
[30] GB (9822238.3) 1998-10-12

---

[11] **2,285,794**  
[13] C

[51] **Int.Cl. 6G01N 33/70 6G01N 33/52**  
[25] EN  
[54] **IMPROVED ASSAY FOR THE DETECTION OF CREATININE**  
[54] **EPREUVE AMELIOREE POUR LA DETECTION DE LA CREATININE**  
[72] PUGIA, MICHAEL J., US  
[72] MESSENGER, KOLEEN K., US  
[73] BAYER CORPORATION, US  
[22] 1999-10-13  
[30] US (09/236,485) 1999-01-25

---

---

[11] **2,287,103**  
[13] C

[51] **Int.Cl. 7E03F 7/00 7F16L 41/00 7F16K 11/02 6F16K 11/074 6F16K 3/08**  
[25] EN  
[54] **TRAP SEAL PRIMER DISTRIBUTION UNIT**  
[54] **DISTRIBUTEUR D'AMORCAGE POUR SIPHONS MULTIPLES**  
[72] WHITESIDE, MICHAEL J., CA  
[73] MIFAB, INC., US  
[22] 1999-10-19  
[30] US (60/132,211) 1999-05-03  
[30] US (397,596) 1999-09-16

---

[11] **2,287,107**  
[13] C

[51] **Int.Cl. 7A61M 1/00**  
[25] EN  
[54] **DEVICE FOR REMOVING PATHOLOGICAL CENTERS IN HUMAN AND VETERINARY MEDICINE**  
[54] **DISPOSITIF POUR ENLEVER DES CENTRES PATHOLOGIQUES EN MEDECINE HUMAINE ET VETERINAIRE**  
[72] PEIN, ANDREAS, DE  
[73] MEDIZINTECHNIK GMBH, DE  
[22] 1999-10-25  
[30] DE (981 20 232.8) 1998-10-26

---

[11] **2,287,533**  
[13] C

[51] **Int.Cl. 6A61G 9/00**  
[25] EN  
[54] **URINE COLLECTION DEVICE**  
[54] **DISPOSITIF DE PRELEVEMENT D'URINE**  
[72] CAWOOD, CHARLES DAVID, US  
[73] CAWOOD FAMILY LIMITED PARTNERSHIP, US  
[22] 1999-10-27  
[30] US (09/229,799) 1999-01-13

---

---

[11] **2,289,977**  
[13] C

[51] **Int.Cl. 6A47B 96/18 6F16S 1/02 6F16B 12/44**  
[25] EN  
[54] **JOINERY MOLDING AND METHOD OF JOINING**  
[54] **MOULURE DE MENUISERIE ET METHODE D'ASSEMBLAGE**  
[72] ANCEL, DOUGLAS R., US  
[73] GREAT LAKES KITCHEN & BATH, INC., US  
[22] 1999-11-17  
[30] US (09/196,254) 1998-11-18

---

[11] **\* 2,289,991**  
[13] C

[51] **Int.Cl. 7A01G 9/24 7A01G 9/18**  
[25] EN  
[54] **INTEGRATED POWER GENERATION PLANT AND GREENHOUSE**  
[54] **CENTRALE ELECTRIQUE ET SERRE INTEGREES**  
[72] SUNATORI, GO SIMON, CA  
[73] SUNATORI, GO SIMON, CA  
[22] 1999-11-12

---

[11] **2,290,252**  
[13] C

[51] **Int.Cl. 7C07K 5/062 7C07D 487/04**  
[25] EN  
[54] **PROCESS AND INTERMEDIATES FOR GROWTH HORMONE SECRETAGOGUES**  
[54] **PROCEDE ET INTERMEDIAIRES POUR DES SECRETAGOGUES D'HORMONE DE CROISSANCE**  
[72] CHIU, CHARLES KWOK-FUNG, US  
[72] GRIFFITH, DAVID ANDREW, US  
[73] PFIZER PRODUCTS INC., US  
[22] 1999-11-22  
[30] US (60/109,524) 1998-11-23

---

**Canadian Patents Issued  
August 24, 2004**

---

[11] **2,290,419**  
[13] C

[51] **Int.Cl. 7H04M 3/00**  
[25] EN  
[54] **CALL OVERFLOW ADDRESS POINTER METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE POINTAGE D'ADRESSES DE DEBORDEMENT D'APPELS**  
[72] DEZONNO, ANTHONY J., US  
[72] BRYLA, JAMES J., US  
[72] SUMNER, ROGER A., US  
[73] ROCKWELL SEMICONDUCTOR SYSTEMS, INC., US  
[85] 1999-11-17  
[86] 1998-05-14 (PCT/US1998/009860)  
[87] (WO1998/053588)  
[30] US (08/858,601) 1997-05-19

---

[11] **2,290,560**  
[13] C

[51] **Int.Cl. 7B65D 65/14**  
[25] EN  
[54] **RESEALABLE CLOSURE AND METHOD OF MAKING SAME**  
[54] **DISPOSITIF DE FERMETURE REUTILISABLE ET METHODE DE FABRICATION CONNEXE**  
[72] HEBERT, ROBERT CHARLES, US  
[72] JAISLE, RICHARD FREDERICK, US  
[72] JOHNSON, JEFFREY EDWIN, US  
[73] SONOCO PRODUCTS COMPANY, US  
[22] 1999-11-25  
[30] US (09/203,269) 1998-12-01

---

[11] **2,290,889**  
[13] C

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SECURING A STENT ON A BALLOON**  
[54] **APPAREIL ET METHODE DE FIXATION D'UN TUTEUR A UN CATHETER A BALLONNET**  
[72] PINCHASIK, GREGORY, IL  
[73] MEDINOL, LTD., IL  
[22] 1999-11-25  
[30] US (09/218,503) 1998-12-22  
[30] US (09/360,415) 1999-07-23

---

[11] **2,291,162**  
[13] C

[51] **Int.Cl. 7B22D 11/22 7G01K 7/08 7B22D 11/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING THE TEMPERATURE OF AN INGOT DURING CASTING, PARTICULARLY AT START-UP**  
[54] **PROCEDE ET APPAREIL DE REGULATION DE LA TEMPERATURE D'UN LINGOT PENDANT LE MOULAGE ET PARTICULIEREMENT AU DEBUT DE L'OPERATION**  
[72] CARON, YVES, CA  
[72] DUBE, GHYSLAIN, CA  
[72] MULLER, FRIEDRICH, DE  
[72] AUGER, MARC, CA  
[73] ALCAN INTERNATIONAL LIMITED, CA  
[85] 1999-11-17  
[86] 1998-06-12 (PCT/CA1998/000585)  
[87] (WO1998/056522)  
[30] US (08/873,786) 1997-06-12

---

[11] **2,292,096**  
[13] C

[51] **Int.Cl. 7B64D 29/00 7B64C 1/40 7F02K 1/44**  
[25] EN  
[54] **BACKSIDE FITTING ATTACHMENT FOR NACELLE ACOUSTIC PANELS**  
[54] **FIXATION POUR L'ENVERS DE PANNEAUX INSONORISANTS DU FUSEAU MOTEUR**  
[72] STRUNK, JOHN T., US  
[72] CLARK, RANDALL R., US  
[72] RIEDEL, BRIAN L., US  
[73] THE BOEING COMPANY, US  
[22] 1999-12-13  
[30] US (09/229,547) 1999-01-13

---

[11] **2,292,624**  
[13] C

[51] **Int.Cl. 7A61L 15/00**  
[25] EN  
[54] **ABSORBENT INTERLABIAL DEVICE TREATED WITH A POLYSILOXANE EMOLLIENT**  
[54] **DISPOSITIF INTERLABIAL ABSORBANT TRAITE AVEC UN EMOLLIENT AU POLYSILOXANE**  
[72] KLOFTA, THOMAS JAMES, US  
[72] OSBORN, THOMAS WARD III, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-02  
[86] 1998-06-03 (PCT/IB1998/000855)  
[87] (WO1998/055158)  
[30] US (08/869,700) 1997-06-05

---

[11] **2,292,705**  
[13] C

[51] **Int.Cl. 7A47L 9/24**  
[25] EN  
[54] **TELESCOPIC EXTENSION FOR A HOUSEHOLD APPLIANCE AND METHOD FOR ASSEMBLING THEREOF**  
[54] **RALLONGE TELESCOPIQUE POUR APPAREIL MENAGER ET SON PROCEDE DE MONTAGE**  
[72] CANALE, GIUSEPPE, IT  
[73] OMEC S.P.A., IT  
[85] 1999-12-01  
[86] 1998-06-04 (PCT/EP1998/003494)  
[87] (WO1998/056289)  
[30] IT (MI97A001364) 1997-06-10

---

[11] **2,292,951**  
[13] C

[51] **Int.Cl. 7G09F 7/18 7G09F 21/04**  
[25] EN  
[54] **VISUALLY SYMMETRIC REMOVABLE LOW PROTRUSION TENSIONED SIGN DISPLAY SYSTEM**  
[54] **DISPOSITIF D'AFFICHAGE D'ENSEIGNE PUBLICITAIRE TENDUE AMOVIBLE, VISUELLEMENT SYMETRIQUE ET A FAIBLE PROTUBERANCE**  
[72] WITTENBERG, RON LEO, US  
[73] WITTENBERG, RON LEO, US  
[85] 1999-12-03  
[86] 1998-06-01 (PCT/US1998/011447)  
[87] (WO1998/055981)  
[30] US (08/868,624) 1997-06-04

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,293,641**  
[13] C

[51] **Int.Cl. 7A47F 5/00 7A47B 88/00  
7A47B 88/06**  
[25] EN  
[54] **DISPLAY RACK**  
[54] **PRESENTOIR A ETAGERES**  
[72] MANDLE, JAMES S., US  
[73] CADBURY ADAMS USA LLC, US  
[85] 1999-12-07  
[86] 1998-07-22 (PCT/US1998/015141)  
[87] (WO1999/005942)  
[30] US (904,999) 1997-08-01

[11] **2,293,711**  
[13] C

[51] **Int.Cl. 7C07D 413/14 7C07D 401/14  
7A61K 31/4418 7A61K 31/444 7A61K 31/  
5355**  
[25] EN  
[54] **BENZO(5,6)CYCLOHEPTAPYRIDINE  
COMPOUNDS USEFUL AS FARNESYL  
PROTEIN TRANSFERASE INHIBITORS**  
[54] **COMPOSES DE LA BENZO (5,6)  
CYCLOHEPTAPYRIDINE UTILISES  
COMME INHIBITEURS DE LA  
FARNESYL TRANSFERASE**  
[72] REMISZEWSKI, STACY W., US  
[72] RANE, DINANATH F., US  
[72] DOLL, RONALD J., US  
[73] SCHERING CORPORATION, US  
[85] 1999-12-08  
[86] 1998-06-15 (PCT/US1998/011505)  
[87] (WO1998/057970)  
[30] US (08/877,366) 1997-06-17

[11] **2,293,948**  
[13] C

[51] **Int.Cl. 7B65H 75/38 7H02J 3/00  
7H02G 11/02 7B60R 16/02 7B65H 75/42**  
[25] EN  
[54] **VEHICLE EXTERNAL ELECTRIC  
SUPPLY SYSTEM**  
[54] **SYSTEME D'ALIMENTATION  
ELECTRIQUE EXTERNE POUR  
VEHICULE**  
[72] JACKSON, MICHAEL D., US  
[73] JACKSON, MICHAEL D., US  
[22] 2000-01-05

[11] **2,294,659**  
[13] C

[51] **Int.Cl. 7G06F 11/20**  
[25] EN  
[54] **FAULT TOLERANT COMPUTER  
SYSTEM**  
[54] **SYSTEME INFORMATIQUE  
INSENSIBLE AUX DEFAILLANCES**  
[72] NAGOYA, MITSUGU, JP  
[73] KOKEN CO., LTD., JP  
[22] 2000-01-10  
[30] JP (11-3943) 1999-01-11

[11] **2,296,061**  
[13] C

[51] **Int.Cl. 7G06F 9/44**  
[25] EN  
[54] **SOFTWARE SYSTEM  
GENERATION**  
[54] **PRODUCTION DE SYSTEME  
LOGICIEL**  
[72] NDUMU, DIVINE TAMAJONG, GB  
[72] NWANA, HYACINTH SAMA, GB  
[72] LEE, LYNDON CHI-HANG, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 2000-01-10  
[86] 1998-07-27 (PCT/GB1998/002241)  
[87] (WO1999/005593)  
[30] EP (97305600.5) 1997-07-25

[11] **2,296,441**  
[13] C

[51] **Int.Cl. 7F21S 8/10 7B60Q 1/44**  
[25] EN  
[54] **ONE PIECE MOLDED  
COMPONENT HIGH MOUNTED STOP  
LAMP**  
[54] **FEU D'ARRET MONOBLOC A  
FIXATION HAUTE**  
[72] WHEAT, RONALD A., US  
[72] DESAI, DEVAL M., US  
[72] BLOOMFIELD, RICHARD M., US  
[73] NORTH AMERICAN LIGHTING,  
INC., US  
[22] 2000-01-19  
[30] US (09/339,078) 1999-06-23

[11] **2,300,625**  
[13] C

[51] **Int.Cl. 7C23C 4/08 7C23C 4/04  
7C23C 4/12**  
[25] EN  
[54] **ABRADABLE  
QUASICRYSTALLINE COATING**  
[54] **ENDUIT QUASI-CRISTALLIN  
ABRADABLE**  
[72] HERMANEK, FRANK J., US  
[73] PRAXAIR S. T. TECHNOLOGY, INC.,  
US  
[22] 2000-03-14  
[30] US (09/270,134) 1999-03-16

[11] **2,302,878**  
[13] C

[51] **Int.Cl. 7G02B 6/36 7F21V 8/00**  
[25] EN  
[54] **FIBER OPTIC LIGHTING SYSTEM  
CONNECTOR COUPLING MEDIUM**  
[54] **SUPPORT DE COUPLAGE DE  
CONNECTEUR OPTIQUE**  
[72] STUPAR, JEFFREY M., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 2000-03-29  
[30] US (09/283,398) 1999-04-01

[11] **2,304,051**  
[13] C

[51] **Int.Cl. 7B26B 11/00 7B26D 3/08**  
[25] EN  
[54] **SCORING TOOL FOR SIDING  
MATERIAL AND METHOD OF USE**  
[54] **OUTIL DIVISEUR POUR  
REVETEMENT EXTERIEUR DE  
PAREMENT ET METHODE  
D'UTILISATION**  
[72] HARVEY, BARRY, CA  
[73] HARVEY, BARRY, CA  
[22] 2000-04-05

[11] **2,305,850**  
[13] C

[51] **Int.Cl. 7B27B 11/00 7B27B 25/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
BUCKSAWING LOGS**  
[54] **APPAREIL SERVANT A SCIER DES  
GRUMES ET METHODE CONNEXE**  
[72] MURRAY, ROBERT JAMES, CA  
[73] MURRAY, ROBERT JAMES, CA  
[22] 1994-08-29  
[62] 2,131,056

Canadian Patents Issued  
August 24, 2004

---

[11] **2,308,281**  
[13] C  
[51] **Int.Cl. 6A61K 31/54 6C07D 279/20**  
[25] EN  
[54] **3-CARBOALKOXY-2,3-DIHYDRO-1H-PHENOTHIAZIN-4[10H]-ONE DERIVATIVES**  
[54] **DERIVES DE 3-CARBOYLKOXY-2,3-DIHYDRO-1H-PHENOTHIAZIN-4[10H]-ONE**  
[72] ROBERTS, RALPH R., US  
[72] SCOTT, KENNETH R., US  
[72] LAWS, MIA L., US  
[72] NICHOLSON, JESSE M., US  
[73] HOWARD UNIVERSITY, US  
[85] 2000-04-26  
[86] 1998-10-27 (PCT/US1998/022693)  
[87] (WO1999/021560)  
[30] US (08/958,320) 1997-10-27

---

[11] **2,308,420**  
[13] C  
[51] **Int.Cl. 6F27D 3/02**  
[25] EN  
[54] **PIPE REFRACTORY INSULATION FOR FURNACES**  
[54] **ISOLATION REFRACTAIRE DE CONDUIT POUR FOUR**  
[72] LENZ, KEVIN, US  
[73] M.H. DETRICK CO., US  
[85] 2000-05-05  
[86] 1999-09-22 (PCT/US1999/021970)  
[87] (WO2000/020814)  
[30] US (09/164,982) 1998-10-01

---

[11] **2,308,715**  
[13] C  
[51] **Int.Cl. 7A45D 40/26**  
[25] FR  
[54] **DISPOSITIF D'APPLICATION A FORMES MULTIPLES**  
[54] **MULTIPLE FORM APPLICATION DEVICE**  
[72] LACOUT, FRANK, FR  
[73] L'OREAL, FR  
[22] 2000-05-01  
[30] FR (99 05 712) 1999-05-05

---

[11] **2,308,984**  
[13] C  
[51] **Int.Cl. 7A45D 40/26**  
[25] FR  
[54] **DISPOSITIF DE CONDITIONNEMENT ET D'APPLICATION D'UN PRODUIT COSMETIQUE, NOTAMMENT POUR LE MAQUILLAGE DES LEVRES**  
[54] **PACKAGING AND APPLICATION DEVICE FOR A COSMETIC PRODUCT, IN PARTICULAR LIPSTICK**  
[72] GUERET, JEAN-LOUIS, FR  
[73] L'OREAL, FR  
[22] 2000-05-18  
[30] FR (99 06 346) 1999-05-19

---

[11] **2,311,193**  
[13] C  
[51] **Int.Cl. 7A23J 3/34 7A23J 3/16**  
[25] EN  
[54] **METHOD FOR PRODUCING ULTRAPURE VEGETABLE PROTEIN MATERIALS**  
[54] **METHODE DE PRODUCTION DE MATIERES PROTEINIQUES VEGETALES ULTRAPURES**  
[72] SINGER, DAVID A., US  
[72] LIN, SANTA H. (DECEASED), US  
[72] WONG, THEODORE M., US  
[73] PROTEIN TECHNOLOGIES INTERNATIONAL INC., US  
[22] 2000-06-12

---

[11] **2,312,165**  
[13] C  
[51] **Int.Cl. 7B62D 6/00**  
[25] EN  
[54] **VEHICLE STEERING CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE DIRECTION DE VEHICULE.**  
[72] IKEGAYA, MANABU, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 2000-06-22  
[30] JP (11-180070) 1999-06-25

---

[11] **2,313,122**  
[13] C  
[51] **Int.Cl. 7C07D 401/06 7A61P 29/00 7A61P 19/02 7C07D 471/04 7C07D 491/04 7C07D 495/04 7C07D 405/06 7C07D 409/06 7C07D 209/18 7A61K 31/405 7A61K 31/4375 7A61K 31/4709 7A61K 31/4725 7A61K 31/498 7A61K 31/4985**  
[25] EN  
[54] **BICYCLIC CARBONYL INDOLE COMPOUNDS AS ANTI-INFLAMMATORY/ANALGESIC AGENTS**  
[54] **(BICYCLOCARBONYL)INDOLES COMME AGENTS ANTI-INFLAMMATOIRES/ANALGESIQUES**  
[72] STEVENS, RODNEY WILLIAM, JP  
[72] HAYASHI, SHIGEO, JP  
[72] NAKAO, KAZUNARI, JP  
[73] PFIZER INC., US  
[22] 2000-06-29  
[30] WO (PCT/IB99/01243) 1999-07-02

---

[11] **2,313,344**  
[13] C  
[51] **Int.Cl. 7A01K 1/01**  
[25] EN  
[54] **SELF-CLEANING LITTER BOX**  
[54] **BOITE A LITIERE AUTONETTOYANTE**  
[72] SUGAHARA, ANDY, CA  
[73] SUGAHARA, ANDY, CA  
[22] 2000-07-04  
[30] US (09/411,859) 1999-10-04

---

[11] **2,314,132**  
[13] C  
[51] **Int.Cl. 7G09F 13/22**  
[25] EN  
[54] **ILLUMINATED SIGN**  
[54] **ENSEIGNE LUMINEUSE**  
[72] DURBIN, MARTIN J., US  
[73] LUMENIDS, LTD., US  
[85] 2000-06-12  
[86] 1999-11-05 (PCT/US1999/026279)  
[87] (WO2000/028509)  
[30] US (09/188,951) 1998-11-10

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,318,224**  
[13] C

[51] **Int.Cl. 6G01V 1/32**  
[25] EN  
[54] **SEISMIC SIGNAL PROCESSING METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAUX SISMQUES**  
[72] VAN BEMMEL, PETER P., US  
[72] PEPPER, RANDOLPH E. F., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2000-07-18  
[86] 1999-01-22 (PCT/US1999/001402)  
[87] (WO1999/040455)  
[30] US (09/019,180) 1998-02-05

[11] **2,319,018**  
[13] C

[51] **Int.Cl. 6H01L 21/302 6C09K 13/00 6H01L 21/311**  
[25] EN  
[54] **PROCESS FOR ASHING ORGANIC MATERIALS FROM SUBSTRATES**  
[54] **PROCEDE DE BRULAGE DE MATERIAUX ORGANIQUES PRESENTS A LA SURFACE DE SUBSTRATS**  
[72] LEVENSON, ERIC O., US  
[72] WALEH, AHMAD, US  
[73] ANON, INC., US  
[85] 2000-07-20  
[86] 1999-01-26 (PCT/US1999/001560)  
[87] (WO1999/039382)  
[30] US (09/014,695) 1998-01-28

[11] **2,319,570**  
[13] C

[51] **Int.Cl. 7G01L 9/04 7H01L 29/84**  
[25] EN  
[54] **SEMICONDUCTOR PRESSURE SENSOR AND METHOD OF MANUFACTURING THE SAME**  
[54] **CAPTEUR DE PRESSION A SEMI-CONDUCTEURS ET SON PROCEDE DE FABRICATION**  
[72] TOUJOU, HIROFUMI, JP  
[72] YONEDA, MASAYUKI, JP  
[72] GOSHOO, YASUHIRO, JP  
[72] FUKIURA, TAKESHI, JP  
[73] YAMATAKE CORPORATION, JP  
[85] 2000-08-03  
[86] 1999-12-02 (PCT/JP1999/006751)  
[87] (WO2000/034754)  
[30] JP (10-349927) 1998-12-09

[11] **2,320,750**  
[13] C

[51] **Int.Cl. 6B01L 3/02**  
[25] EN  
[54] **SYSTEM AND METHOD OF ASPIRATING AND DISPENSING REAGENT**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASPIRER ET DE DISTRIBUER UN REACTIF**  
[72] REINHARDT, KURT, US  
[72] RICHARDS, WILLIAM, US  
[72] FORD, ANTHONY, US  
[72] RIZZO, VINCE, US  
[72] MCDANIEL, DARIN, US  
[72] SHOWALTER, WAYNE, US  
[73] VENTANA MEDICAL SYSTEMS, INC., US  
[85] 2000-08-21  
[86] 1999-02-26 (PCT/US1999/004379)  
[87] (WO1999/043434)  
[30] US (60/076,198) 1998-02-27

[11] **2,322,238**  
[13] C

[51] **Int.Cl. 7H04L 29/00 7H04M 3/00**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO DIGITAL COMMUNICATIONS APPARATUS**  
[54] **AMELIORATIONS APORTEES OU RELATIVES A UN APPAREIL DE COMMUNICATIONS UTILISANT DES TECHNIQUES NUMERIQUES**  
[72] JUDGE, RUPINDER, GB  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-03  
[30] EP (99308221.3) 1999-10-18

[11] **2,322,404**  
[13] C

[51] **Int.Cl. 7H04L 9/12**  
[25] EN  
[54] **AUTOMATIC RESYNCHRONIZATION OF CRYPTO-SYNC INFORMATION**  
[54] **SYSTEME DE RESYNCHRONISATION AUTOMATIQUE D'INFORMATIONS CRYPTTEES**  
[72] SOLER, MILTON A., US  
[72] MIZIKOVSKY, SEMYON B., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-05  
[30] US (09/422,205) 1999-10-19

[11] **2,322,418**  
[13] C

[51] **Int.Cl. 6B30B 5/06 6B30B 15/34**  
[25] EN  
[54] **PROCESS AND DOUBLE-BELT PRESS FOR THE CONTINUOUS PRODUCTION OF BOARD MATERIALS**  
[54] **PROCEDE ET PRESSE A DEUX RUBANS POUR LA PRODUCTION EN CONTINU DE MATERIAUX**  
[72] HEIMES, BERND, DE  
[72] WOLFF, HEINZ-PETER, DE  
[72] BECK, PETER, DE  
[73] VALMET PANELBOARD GMBH, DE  
[85] 2000-09-08  
[86] 1999-03-09 (PCT/EP1999/001497)  
[87] (WO1999/046111)  
[30] DE (198 10 304.2) 1998-03-10  
[30] DE (198 56 866.5) 1998-12-09

[11] **2,322,421**  
[13] C

[51] **Int.Cl. 6B23D 61/18 6B23D 65/00 6B24D 18/00**  
[25] EN  
[54] **SUPERABRASIVE WIRE SAW AND METHOD FOR MAKING THE SAW**  
[54] **SCIE A FIL SUPERABRASIF ET SON PROCEDE DE FABRICATION**  
[72] BULJAN, SERGEJ-TOMISLAV, US  
[72] GEARY, EARL G., US  
[72] ANDREWS, RICHARD M., US  
[73] SAINT-GOBAIN ABRASIVES, INC., US  
[85] 2000-09-08  
[86] 1999-03-02 (PCT/US1999/004874)  
[87] (WO1999/046077)  
[30] US (09/038,300) 1998-03-11  
[30] US (09/244,022) 1999-02-04

[11] **2,323,213**  
[13] C

[51] **Int.Cl. 6A61K 31/70 6A01N 43/04**  
[25] EN  
[54] **TREATMENT OF RESPIRATORY DISEASE AND OTITIS MEDIA**  
[54] **TRAITEMENT DES MALADIES RESPIRATOIRES ET DE L'OTITE MOYENNE**  
[72] ALLEN, MICHAEL, US  
[72] MCMICHAEL, JOHN, US  
[73] MILKHAUS LABORATORY, INC., US  
[85] 2000-09-08  
[86] 1998-11-13 (PCT/US1998/024218)  
[87] (WO1999/045776)  
[30] US (09/037,895) 1998-03-10  
[30] US (09/123,800) 1998-07-28

Canadian Patents Issued  
August 24, 2004

[11] 2,325,172  
[13] C

[51] Int.Cl. 7C04B 35/478  
[25] EN  
[54] PROCESS FOR PREPARING  
SINTERED BODY OF ALUMINUM  
TITANATE  
[54] METHODE DE PREPARATION  
D'UN OBJET FRITTE EN TITANATE  
D'ALUMINIUM  
[72] FUKUDA, MASAOKI, JP  
[72] FUKUDA, MASAHIRO, JP  
[72] FUKUDA, TSUTOMU, JP  
[73] OHCERA CO., LTD., JP  
[22] 2000-11-03  
[30] JP (1999-317136) 1999-11-08

[11] 2,325,515  
[13] C

[51] Int.Cl. 7E03C 1/24 7F16L 55/10  
[25] EN  
[54] TUB OVERFLOW WASTE  
ASSEMBLY  
[54] TROP-PLEIN DE BAIGNOIRE  
[72] FRITZ, KURT M., US  
[72] MITCHELL, JERRY P., US  
[73] LSP PRODUCTS GROUP, INC., US  
[22] 2000-11-08  
[30] US (09/452,597) 1999-12-01

[11] 2,325,780  
[13] C

[51] Int.Cl. 7B41J 13/03 7B65H 5/06  
[25] EN  
[54] METHOD AND APPARATUS FOR  
LIMITING TORQUE IN A FEEDER  
[54] METHODE ET APPAREIL POUR  
LIMITER LE COUPLE DANS UN  
DISPOSITIF D'ALIMENTATION  
[72] KULPA, WALTER J., US  
[72] PRITCHETT, WAYNE W., US  
[72] SLOAN, RICHARD A., JR., US  
[72] SETTE, PAUL R., US  
[73] PITNEY BOWES INC., US  
[22] 2000-11-10  
[30] US (09/439,597) 1999-11-12

[11] 2,327,659  
[13] C

[51] Int.Cl. 6B01D 33/06 6B01D 65/08  
[25] EN  
[54] ROTARY FILTRATION DEVICE  
WITH FLOW-THROUGH INNER  
MEMBER  
[54] DISPOSITIF DE FILTRATION  
TOURNANTE A ECOULEMENT  
CONTINU AVEC ELEMENT INTERNE  
[72] ROLCHIGO, PHILIP M., US  
[72] HODGINS, LEONARD T., US  
[73] MEMBREX, INC., US  
[85] 2000-10-06  
[86] 1999-03-18 (PCT/US1999/005824)  
[87] (WO1999/054019)  
[30] US (063,931) 1998-04-21

[11] 2,327,919  
[13] C

[51] Int.Cl. 7H04M 11/06 7H04L 12/66  
[25] EN  
[54] INTERNAL LINE CONTROL  
SYSTEM  
[54] SYSTEME DE GESTION DES  
LIGNES INTERNES  
[72] OTSUKA, KIYOKAZU, JP  
[73] NEC CORPORATION, JP  
[22] 2000-12-08  
[30] JP (11-350092) 1999-12-09

[11] 2,330,287  
[13] C

[51] Int.Cl. 6A47J 37/00  
[25] EN  
[54] HIGH EFFICIENCY CAROUSEL  
PIZZA OVEN  
[54] FOUR A CARROUSEL  
HAUTEMENT EFFICACE POUR PIZZA  
[72] MORETH, R. EDWARD, US  
[73] REMCO TECHNOLOGIES, INC., US  
[85] 2000-10-24  
[86] 1999-04-19 (PCT/US1999/008571)  
[87] (WO1999/056602)  
[30] US (09/071,638) 1998-05-01  
[30] US (09/225,227) 1999-01-04

[11] 2,330,931  
[13] C

[51] Int.Cl. 6A63H 30/02 6G05B 15/00  
[25] EN  
[54] MODEL TRAIN CONTROL  
SYSTEM  
[54] SYSTEME DE COMMANDE DE  
MAQUETTE DE TRAIN  
[72] KATZER, MATTHEW A., US  
[73] KATZER, MATTHEW A., US  
[85] 2000-10-30  
[86] 1999-06-23 (PCT/US1999/014229)  
[87] (WO1999/066999)  
[30] US (09/104,461) 1998-06-24

[11] 2,330,940  
[13] C

[51] Int.Cl. 7F16B 5/06 7F16B 13/04  
[25] EN  
[54] RECTANGULAR PANEL  
FASTENER  
[54] DISPOSITIF DE RETENUE POUR  
PANNEAU RECTANGULAIRE  
[72] BRUNO, DAVID J., US  
[72] MCDONOUGH, WILLIAM P., US  
[72] BENTRIM, BRIAN G., US  
[73] PEM MANAGEMENT, INC., US  
[22] 2001-01-15  
[30] US (60/183,974) 2000-02-22

[11] 2,331,119  
[13] C

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

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,332,708**  
[13] C

[51] **Int.Cl. 7H05K 7/00 7H05K 9/00 7H05K 7/02**  
[25] EN  
[54] **ELECTRONIC STACKED ASSEMBLY**  
[54] **ENSEMBLE D'UNITES ELECTRONIQUES EMPILEES**  
[72] WU, HUI, US  
[72] BUONDELMONTE, CHARLES JOSEPH, US  
[72] BARNETT, RON, US  
[72] KORISCH, ILYA ALEXANDER, US  
[72] MANZIONE, LOUIS THOMAS, US  
[72] SCHWARTZ, RICHARD F., US  
[72] WOJCIK THADDEUS, US  
[73] AVAYA TECHNOLOGY CORP., US  
[22] 2001-01-29  
[30] US (09/521,935) 2000-03-09

[11] **2,332,953**  
[13] C

[51] **Int.Cl. 6B21C 47/00 6B21C 47/02**  
[25] EN  
[54] **METHOD OF WINDING STRIPS**  
[54] **PROCEDE D'ENROULEMENT DE BANDES**  
[72] KUKIZAKI, TAICHI, JP  
[72] HISHINUMA, ITARU, JP  
[72] SHIBUYA, SATOSHI, JP  
[72] ICHII, YASUO, JP  
[72] UEDA, KIYOSHI, JP  
[72] IMAZEKI, TOSHIO, JP  
[72] NIKAI DOH, HIDEYUKI, JP  
[73] JFE STEEL CORPORATION, JP  
[85] 2000-11-22  
[86] 1999-09-22 (PCT/JP1999/005198)  
[87] (WO2000/058039)  
[30] JP (11/82074) 1999-03-25

[11] **2,334,415**  
[13] C

[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **COMPOSITIONS FOR INCREASING ENERGY IN VIVO**  
[54] **COMPOSITIONS PERMETTANT D'ACCROITRE L'ENERGIE IN VIVO**  
[72] ST. CYR, JOHN, US  
[72] JOHNSON, CLARENCE A., US  
[73] BIOENERGY INC., US  
[85] 2000-12-05  
[86] 1999-06-17 (PCT/US1999/013720)  
[87] (WO1999/065476)  
[30] US (60/090,001) 1998-06-19  
[30] US (09/290,789) 1999-04-12

[11] **2,335,517**  
[13] C

[51] **Int.Cl. 6B21C 37/08 6B21D 5/10**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING STRAIGHT BEAD WELDED PIPES FROM FLAT SHEET METAL BLANKS**  
[54] **PROCEDE ET DISPOSITIF POUR LA PRODUCTION DE TUBES A CORDONS DE SOUDURE LONGITUDINAUX A PARTIR DE DECOUPES DE TOLE**  
[72] FLEHMIG, THOMAS, DE  
[72] BLUMEL, KLAUS, DE  
[72] NEUHAUSMANN, THOMAS, DE  
[73] THYSSEN KRUPP STAHL AG, DE  
[85] 2000-12-19  
[86] 1999-06-23 (PCT/EP1999/004338)  
[87] (WO1999/067037)  
[30] DE (198 27 798.9) 1998-06-23

[11] **2,335,862**  
[13] C

[51] **Int.Cl. 6C08G 18/08 6C09D 175/04 6C08L 75/04 6C08G 18/12**  
[25] EN  
[54] **INTERPENETRATING NETWORKS OF POLYMERS**  
[54] **RESEAUX DE POLYMERES A INTERPENETRATION**  
[72] TOMKO, REVATHI R., US  
[73] THE SHERWIN-WILLIAMS COMPANY, US  
[85] 2000-12-21  
[86] 1999-06-22 (PCT/US1999/014008)  
[87] (WO1999/067312)  
[30] US (09/102,803) 1998-06-23

[11] **2,338,362**  
[13] C

[51] **Int.Cl. 7B24B 47/12 7B24B 41/04 7B23Q 5/10 7B24B 19/12**  
[25] EN  
[54] **GRINDING-SPINDLE UNIT WITH MAGNETIC DRIVE**  
[54] **ENSEMBLE BROCHE PORTE-MEULE A ENTRAINEMENT MAGNETIQUE**  
[72] JUNKER, ERWIN, DE  
[72] LINDNER, JURGEN, DE  
[73] ERWIN JUNKER MASCHINENFABRIK GMBH, DE  
[85] 2001-01-22  
[86] 1999-04-14 (PCT/EP1999/002524)  
[87] (WO2000/005033)  
[30] DE (198 33 241.6) 1998-07-23

[11] **2,338,949**  
[13] C

[51] **Int.Cl. 7B25G 1/10 7B23K 37/00 7F23D 14/40**  
[25] EN  
[54] **ERGONOMIC HANDLE ATTACHMENT FOR WELDING TORCH**  
[54] **DISPOSITIF DE FIXATION ERGONOMIQUE POUR POIGNEE DE TORCHE A SOUDER**  
[72] ZAMUNER, FRANK, CA  
[73] ZAMUNER, FRANK, CA  
[22] 2001-02-28  
[30] GB (0004892.6) 2000-03-01

[11] **2,344,009**  
[13] C

[51] **Int.Cl. 7B26D 7/27**  
[25] EN  
[54] **METHOD AND APPARATUS FOR APPLYING ADHESIVES TO THE EDGES OF A SLIT TUBE**  
[54] **METHODE ET APPLICATEUR D'ADHESIFS AUX BORDS D'UN TUBE FENDU**  
[72] PRINCELL, CHARLES M., US  
[72] CAMPBELL, ROBERT L., JR., US  
[72] FOX, STEVE A., US  
[72] ALVEY, BILL, US  
[73] PLASTIC TECHNOLOGY, INC., US  
[22] 2001-04-17  
[30] US (09/560,407) 2000-04-27

[11] **2,346,100**  
[13] C

[51] **Int.Cl. 7A23L 1/20 7B01D 19/00 7A47J 27/00**  
[25] EN  
[54] **PRODUCTION METHOD FOR SOYBEAN PROCESSED FOOD AND HEATING-DEAERATING DEVICE FOR MASHED SOYBEAN SOUP**  
[54] **PROCEDE DE PRODUCTION D'ALIMENTS TRANSFORMES AU SOJA ET DISPOSITIF DE CHAUFFAGE-DESAERATION DESTINE A LA PRODUCTION DE SOUPE DE SOJA BROYE**  
[72] ENDO, MASATO, JP  
[72] SHIDARA, HIDEO, JP  
[72] KIKUCHI, MOTOKAZU, JP  
[72] WAKAO, SHOJI, JP  
[73] MORINAGA MILK INDUSTRY CO., LTD., JP  
[85] 2001-04-02  
[86] 2000-07-31 (PCT/JP2000/005140)  
[87] (WO2001/010243)  
[30] JP (11/220572) 1999-08-03  
[30] JP (PCT/JP00/02451) 2000-04-14

Canadian Patents Issued  
August 24, 2004

---

[11] **2,347,336**  
[13] C  
[51] Int.Cl. 7C07H 19/167 7A61P 3/10  
7A61P 9/10 7A61K 31/7076  
[25] EN  
[54] **A1 ADENOSINE RECEPTOR  
AGONISTS**  
[54] **AGONISTES DU RECEPTEUR A1  
ADENOSINE**  
[72] SCAMMELLS, PETER J., AU  
[72] PFISTER, JURG ROLAND, US  
[72] MILNER, PETER GERARD, US  
[72] OLSSON, RAY, US  
[72] BELARDINELLI, LUIZ, US  
[72] BAKER, STEPHEN, US  
[72] SCHREINER, GEORGE FREDERIC,  
US  
[73] UNIVERSITY OF FLORIDA  
RESEARCH FOUNDATION, INC., US  
[22] 1994-10-28  
[62] 2,172,726  
[30] US (144,459) 1993-10-28

---

[11] **2,349,478**  
[13] C  
[51] Int.Cl. 7H03L 7/06  
[25] EN  
[54] **DIRECT DIGITAL FREQUENCY  
SYNTHESIZER AND A HYBRID  
FREQUENCY SYNTHESIZER  
COMBINING A DIRECT DIGITAL  
FREQUENCY SYNTHESIZER AND A  
PHASE LOCKED LOOP**  
[54] **SYNTHETISEUR DE FREQUENCE  
NUMERIQUE DIRECTE ET  
SYNTHETISEUR DE FREQUENCE  
HYBRIDE COMBINANT UN  
SYNTHETISEUR DE FREQUENCE  
NUMERIQUE DIRECTE ET UNE  
BOUCLE A VERROUILLAGE DE  
PHASE**  
[72] KHAN, NASSERULLAH, CA  
[73] RESEARCH IN MOTION LIMITED,  
CA  
[22] 2001-06-01  
[30] US (60/212,999) 2000-06-21

---

[11] **2,350,267**  
[13] C  
[51] Int.Cl. 7G02B 6/293 7H04J 14/02  
7G02B 5/18 7G02B 6/34  
[25] EN  
[54] **PLANAR WAVEGUIDE GRATING  
DEVICE HAVING A PASSBAND WITH  
A FLAT-TOP AND SHARP-  
TRANSITIONS**  
[54] **DISPOSITIF A RESEAU DE GUIDE  
D'ONDES PLANAIRE OFFRANT UNE  
BANDE PASSANTE A SOMMET PLAT  
ET TRANSITIONS BRUSQUES**  
[72] HE, JIAN-JUN, CA  
[73] METROPHOTONICS INC., CA  
[22] 2001-06-12  
[30] US (09/612,577) 2000-07-07

---

[11] **2,350,701**  
[13] C  
[51] Int.Cl. 7A61C 7/30  
[25] EN  
[54] **CURVED ELASTOMERIC  
ORTHODONTIC LIGATURE**  
[54] **LIGATURE ORTHODONTIQUE  
ELASTOMERIQUE CINTREE**  
[72] LOGAN, LEE R., US  
[73] LOGAN, LEE R., US  
[22] 2001-06-14  
[30] US (09/605,583) 2000-06-28

---

[11] **2,350,858**  
[13] C  
[51] Int.Cl. 7E21B 23/00  
[25] EN  
[54] **PRESSURE PULSE ATTENUATOR**  
[54] **ATTENUATEUR D'IMPULSIONS  
DE PRESSION**  
[72] SWANSON, ROY E., JR., US  
[73] BAKER HUGHES INCORPORATED,  
US  
[22] 2001-06-15  
[30] US (09/595,590) 2000-06-15

---

[11] **2,352,322**  
[13] C  
[51] Int.Cl. 7A23C 15/04 7A23D 7/015  
7A23D 9/02  
[25] EN  
[54] **METHODS TO REDUCE FREE  
FATTY ACIDS AND CHOLESTEROL IN  
ANHYDROUS ANIMAL FAT**  
[54] **PROCEDES DE REDUCTION DES  
ACIDES GRAS LIBRES ET DU  
CHOLESTEROL DANS LA GRAISSE  
ANIMALE ANHYDRE**  
[72] AWAD, AZIZ CHAFIC, US  
[72] GRAY, JAMES IAN, US  
[73] AWAD, AZIZ CHAFIC, US  
[73] GRAY, JAMES IAN, US  
[85] 2001-05-28  
[86] 1999-12-09 (PCT/US1999/029207)  
[87] (WO2000/033663)  
[30] US (09/208,960) 1998-12-10

---

[11] **2,353,431**  
[13] C  
[51] Int.Cl. 7E04C 2/10 7E04F 13/00  
[25] EN  
[54] **BUILDING BOARD AND  
MANUFACTURING METHOD  
THEREOF**  
[54] **PANNEAU DE CONSTRUCTION ET  
TECHNIQUE DE FABRICATION DE  
CELUI-CI**  
[72] WATANABE, MORIMICHI, JP  
[73] NICHIIHA CORPORATION, JP  
[22] 2001-07-23  
[30] JP (2000-224150) 2000-07-25  
[30] JP (2000-317772) 2000-10-18  
[30] JP (2000-353371) 2000-11-20

---

[11] **2,354,810**  
[13] C  
[51] Int.Cl. 7A61M 16/00  
[25] EN  
[54] **VENTILATION TRAINING  
ANALYZER MANIKIN**  
[54] **MANNEQUIN D'ANALYSE POUR  
FORMATION EN VENTILATION**  
[72] BOWDEN, KEVIN D. J., CA  
[73] O-TWO SYSTEMS INTERNATIONAL  
INC., CA  
[22] 2001-08-02  
[30] US (09/632,998) 2000-08-04

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,355,844**  
[13] C

[51] **Int.Cl. 6B07C 5/342**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLASSIFYING BATCHES OF WOOD CHIPS OR THE LIKE**  
[54] **PROCEDE ET DISPOSITIF SERVANT A CLASSIFIER DES LOTS DE COPEAUX DE BOIS**  
[72] BINETTE, SYLVAIN, CA  
[72] LABBE, JACQUES, CA  
[72] COUTURIER, JEAN-PIERRE, CA  
[72] BEDARD, PIERRE, CA  
[73] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA  
[85] 2001-06-20  
[86] 1999-01-22 (PCT/CA1999/000048)  
[87] (WO1999/037413)  
[30] CA (2,228,023) 1998-01-23  
[30] US (09/163,338) 1998-09-30

[11] **2,357,680**  
[13] C

[51] **Int.Cl. 7F42D 3/00**  
[25] EN  
[54] **BLASTING APPARATUS FOR FORMING HORIZONTAL UNDERGROUND CAVITIES AND BLASTING METHOD USING THE SAME**  
[54] **APPAREIL DE DYNAMITAGE POUR FORMER DES CAVITES SOUTERRAINES HORIZONTALES ET METHODE DE DYNAMITAGE A L'AIDE DE CET APPAREIL**  
[72] SHIM, DONG SOO, KR  
[73] SHIM, DONG SOO, KR  
[22] 2001-09-25  
[30] KR (2000-86764) 2000-12-30  
[30] KR (2000-86765) 2000-12-30

[11] **2,359,313**  
[13] C

[51] **Int.Cl. 7B32B 31/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EMBOSSING A PRECISION PATTERN OF MICRO-PRISMATIC ELEMENTS IN A RESINOUS SHEET OR LAMINATE**  
[54] **PROCEDE ET APPAREIL POUR IMPRIMER PAR GAUFRAGE UN MOTIF DE PRECISION CONSTITUE D'ELEMENTS MICROPRISMATIQUES DANS UNE FEUILLE RESINEUSE OU UN STRATIFIE**  
[72] THIELMAN, W. SCOTT, US  
[73] AVERY DENNISON CORPORATION, US  
[85] 2001-07-12  
[86] 2000-01-12 (PCT/US2000/001041)  
[87] (WO2000/041886)  
[30] US (09/231,197) 1999-01-14

[11] **2,356,569**  
[13] C

[51] **Int.Cl. 7F02B 75/00 7F01L 13/08**  
[25] EN  
[54] **MECHANICAL COMPRESSION AND VACUUM RELEASE**  
[54] **COMPRESSION MECANIQUE ET CASSE-VIDE**  
[72] MAHY, MICHAEL A., US  
[72] DIETZ, JAMES R., US  
[72] NOVAK, KEITH A., US  
[73] TECUMSEH PRODUCTS COMPANY, US  
[22] 2001-09-05  
[30] US (60/231,818) 2000-09-11  
[30] US (09/899,673) 2001-07-05

[11] **2,358,424**  
[13] C

[51] **Int.Cl. 7B65G 15/00 7B65G 21/00**  
[25] EN  
[54] **CONVERTING ROLLER CONVEYORS INTO BELT CONVEYORS**  
[54] **CONVERSION DE TRANSPORTEURS A ROULEAUX EN TRANSPORTEURS A COURROIE**  
[72] GREVE, CHRISTOPHER G., US  
[72] LAPEYRE, ROBERT S., US  
[73] THE LAITRAM CORPORATION, US  
[85] 2001-07-03  
[86] 2000-10-30 (PCT/US2000/041765)  
[87] (WO2001/032534)  
[30] US (09/434,796) 1999-11-05

[11] **2,360,090**  
[13] C

[51] **Int.Cl. 7F41A 3/26 7F41A 35/06 7F41A 15/14**  
[25] EN  
[54] **LOCKING DEVICE FOR A HAND GUN**  
[54] **CULASSE POUR ARME A FEU DE POING**  
[72] WELDLE, HELMUT, DE  
[72] MURELLO, JOHANNES, DE  
[73] HECKLER & KOCH GMBH, DE  
[85] 2001-07-27  
[86] 2000-01-25 (PCT/EP2000/000551)  
[87] (WO2000/045107)  
[30] DE (199 03 327.7) 1999-01-28

[11] **2,356,769**  
[13] C

[51] **Int.Cl. 7F16H 47/06**  
[25] EN  
[54] **VEHICLE TRANSMISSION**  
[54] **TRANSMISSION DE VEHICULE**  
[72] MAEDA, TOSHIAKI, JP  
[72] OBINATA, JIRO, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 2001-08-31  
[30] JP (2000-273249) 2000-09-08

[11] **2,359,293**  
[13] C

[51] **Int.Cl. 7H05B 3/56 7H05B 3/02 7H05B 3/18**  
[25] EN  
[54] **HEATING CABLE**  
[54] **CABLE CHAUFFANT**  
[72] O'CONNOR, JASON, GB  
[73] HEAT TRACE LIMITED, GB  
[22] 2001-10-19  
[30] GB (0025734.5) 2000-10-19  
[30] GB (0031857.6) 2000-12-30

[11] **2,362,469**  
[13] C

[51] **Int.Cl. 7B09C 1/08 7A62D 3/00**  
[25] EN  
[54] **METHOD FOR REMEDIATING SITES CONTAMINATED WITH TOXIC WASTE**  
[54] **PROCEDE DE RESTAURATION DE SITES CONTAMINES PAR DES DECHETS TOXIQUES**  
[72] GETMAN, GERRY D., US  
[72] ROGERS, JON E., US  
[72] HUNTER, WOOD E., US  
[73] COMMODORE APPLIED TECHNOLOGIES, INC., US  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/US2000/003498)  
[87] (WO2000/048201)  
[30] US (09/248,879) 1999-02-11

Canadian Patents Issued  
August 24, 2004

---

[11] **2,363,930**  
[13] C  
[51] Int.Cl. 7H04L 7/04 7H04B 7/00  
[25] EN  
[54] **SYSTEM AND METHOD FOR SYNCHRONIZATION SIGNAL DETECTION AND RECOVERY FROM FALSE TRIGGERS**  
[54] **SYSTEME ET METHODE DE DETECTION DU SIGNAL DE SYNCHRONISATION ET DE RECUPERATION APRES FAUX DECLENCHEMENTS**  
[72] SIMMONS, SEAN B., CA  
[72] KEMENCZY, ZOLTAN, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[22] 2001-11-27  
[30] US (60/253,791) 2000-11-29

---

[11] \* **2,364,033**  
[13] C  
[51] Int.Cl. 7H04N 1/41 7H04L 29/02 7H04B 1/66  
[25] EN  
[54] **SYSTEM FOR TRANSMISSION, BROADCASTING AND DISPLAYING SEQUENTIAL DIGITAL IMAGES OVER COMMUNICATION NETWORKS**  
[54] **SYSTEME D'EMISSION, DE DIFFUSION ET D'AFFICHAGE D'IMAGES NUMERIQUES SEQUENTIELLES SUR DES RESEAUX DE COMMUNICATIONS**  
[72] CHESTOPALOV, IOURII KONSTANTINOVITCH, CA  
[73] CHESTOPALOV, IOURII KONSTANTINOVITCH, CA  
[22] 2001-11-30

---

[11] **2,368,172**  
[13] C  
[51] Int.Cl. 7A47H 1/14  
[25] EN  
[54] **ZERO CLEARANCE BRACKET AND HEADRAIL**  
[54] **EQUERRE ET RAIL DE TETE A ECARTEMENT ZERO**  
[72] FRACZEK, RICHARD, US  
[73] ROLLESE, INC., US  
[85] 2001-10-15  
[86] 2000-04-24 (PCT/US2000/010913)  
[87] (WO2000/078190)  
[30] US (60/140,566) 1999-06-23  
[30] US (09/498,670) 2000-02-07

---

[11] **2,368,764**  
[13] C  
[51] Int.Cl. 7A61N 5/10 7A61B 6/03  
[25] EN  
[54] **MEGAVOLTAGE COMPUTED TOMOGRAPHY DURING RADIOTHERAPY**  
[54] **TOMOGRAPHIE ASSISTEE PAR ORDINATEUR UTILISANT UNE TENSION DE L'ORDRE DU MEGAVOLT ASSORTIE A UNE RADIOTHERAPIE**  
[72] MACKIE, THOMAS R., US  
[72] RUCHALA, KENNETH J., US  
[72] OLIVERA, GUSTAVO H., US  
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2001-09-26  
[86] 2000-03-29 (PCT/US2000/008291)  
[87] (WO2000/059576)  
[30] US (60/127,630) 1999-04-02

---

[11] **2,373,251**  
[13] C  
[51] Int.Cl. 7E06B 9/24  
[25] EN  
[54] **ROLLER SHADE TUBE WITH EXTENSION WING**  
[54] **TUBE DE STORE A ENROULEMENT AUTOMATIQUE DOTE D'UNE AILETTE DE RALLONGE**  
[72] FRACZEK, RICHARD R., US  
[72] CROSS, DAVID M., US  
[73] ROLLESE, INC., US  
[85] 2001-11-02  
[86] 2000-05-30 (PCT/US2000/014951)  
[87] (WO2001/002688)  
[30] US (60/141,638) 1999-06-30  
[30] US (09/572,034) 2000-05-16

---

[11] **2,378,607**  
[13] C  
[51] Int.Cl. 7B63H 1/14 7B64C 11/00 7B64C 11/18 7B63H 1/26  
[25] EN  
[54] **ROTOR WITH A SPLIT ROTOR BLADE**  
[54] **ROTOR DOTE D'UNE PALE FENDUE**  
[72] BANNASCH, RUDOLF, DE  
[73] BANNASCH, RUDOLF, DE  
[85] 2002-01-07  
[86] 2000-07-06 (PCT/EP2000/006412)  
[87] (WO2001/002742)  
[30] DE (199 31 035.1) 1999-07-06

---

[11] **2,378,839**  
[13] C  
[51] Int.Cl. 7H04M 3/26  
[25] EN  
[54] **IMPROVED METHOD FOR DETERMINING SUBSCRIBER LOOP MAKE-UP**  
[54] **PROCEDE AMELIORE DESTINE A ETABLIR LE MONTAGE D'UNE LIGNE D'ABONNE**  
[72] GALLI, STEFANO, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 2002-01-08  
[86] 2000-09-29 (PCT/US2000/027010)  
[87] (WO2001/024491)  
[30] US (60/157,094) 1999-09-30

---

[11] **2,381,688**  
[13] C  
[51] Int.Cl. 7C09J 129/08 7C09J 135/02 7C09J 127/06 7C09J 175/08 7C08G 18/72  
[25] EN  
[54] **HOT MELT ADHESIVE**  
[54] **ADHESIF THERMOFUSIBLE**  
[72] BRINKMAN, LARRY FRANK, US  
[73] ROHM & HAAS COMPANY, US  
[22] 2002-04-15  
[30] US (60/285,633) 2001-04-20

---

[11] **2,384,218**  
[13] C  
[51] Int.Cl. 7F15B 13/06 7A01G 23/02  
[25] EN  
[54] **HYDRAULIC CIRCUITS FOR TREE-HARVESTING KNUCKLE BOOMS**  
[54] **CIRCUITS HYDRAULIQUES DE FLECHES ARTICULEES DE MOISSONNEUSES D'ARBRES**  
[72] KURELEK, JOHN, CA  
[73] TIGERCAT INDUSTRIES INC., CA  
[22] 2000-09-06  
[62] 2,317,670  
[30] US (60/157125) 1999-10-04

**Brevets canadiens délivrés  
24 août 2004**

[11] **2,384,694**  
[13] C

[51] **Int.Cl. 7G01N 27/82**  
[25] EN  
[54] **ELECTROMAGNETIC ACOUSTIC TRANSDUCER (EMAT) INSPECTION FOR CRACKS IN BOILER TUBES**  
[54] **INSPECTION PAR TRANSDUCTION ELECTROMAGNETO-ACOUSTIQUE DES FISSURES DANS LES TUBES DE CHAUDIERE**  
[72] MACLAUCHLAN, DANIEL T., US  
[72] MURPHY, RALPH D., US  
[72] HANCOCK, JIMMY W., US  
[73] THE BABCOCK & WILCOX COMPANY, US  
[73] MCDERMOTT TECHNOLOGY, INC., US  
[85] 2002-03-11  
[86] 2000-09-13 (PCT/US2000/025087)  
[87] (WO2001/020296)  
[30] US (09/398,621) 1999-09-17

[11] **2,388,246**  
[13] C

[51] **Int.Cl. 7B01D 69/02 7A61M 1/02 7C08F 14/22 7C08J 9/26 7B32B 5/32 7B01D 71/34**  
[25] EN  
[54] **HEAT RESISTANT MICROPOROUS MEMBRANE**  
[54] **MEMBRANE MICROPOREUSE THERMORESISTANTE**  
[72] KOGUMA, ICHIRO, JP  
[72] HOSHUYAMA, IZUMI, JP  
[72] NAGOYA, FUJIHARU, JP  
[73] ASAHI KASEI KABUSHIKI KAISHA, JP  
[85] 2002-04-19  
[86] 2000-10-20 (PCT/JP2000/007313)  
[87] (WO2001/028667)  
[30] JP (11/301310) 1999-10-22  
[30] JP (11/301330) 1999-10-22

[11] **2,388,578**  
[13] C

[51] **Int.Cl. 7B25B 23/16**  
[25] EN  
[54] **WRENCH HANDLE**  
[54] **POIGNEE DE CLE**  
[72] VACHON, CLAUDE, CA  
[73] VACHON, CLAUDE, CA  
[22] 2002-06-12

[11] **2,390,265**  
[13] C

[51] **Int.Cl. 7H04N 7/18 7H04N 5/232 7H04N 5/77**  
[25] EN  
[54] **VIDEO SECURITY AND CONTROL SYSTEM**  
[54] **SYSTEME DE SECURITE ET DE CONTROLE VIDEO**  
[72] ASSAYAG, PEN PROSS, CA  
[72] DUCHARME, MARC, CA  
[73] INTER-CITE VIDEO INC., CA  
[22] 2002-06-11  
[30] CA (2,364,230) 2001-12-03

[11] **2,396,540**  
[13] C

[51] **Int.Cl. 7G02B 26/08 7H01L 41/08 7G02B 6/32**  
[25] EN  
[54] **OPTICAL FIBRE SWITCHING ASSEMBLY**  
[54] **ENSEMBLE DE COMMUTATION A FIBRES OPTIQUES**  
[72] JAMES, JONATHAN HORTON, GB  
[72] DAMES, ANDREW NICHOLAS, GB  
[73] POLATIS LIMITED, GB  
[85] 2002-07-05  
[86] 2001-01-05 (PCT/GB2001/000062)  
[87] (WO2001/050176)  
[30] GB (0000126.3) 2000-01-06  
[30] GB (0027745.9) 2000-11-13  
[30] GB (0029439.7) 2000-12-04

[11] **2,397,926**  
[13] C

[51] **Int.Cl. 7B63B 21/20**  
[25] EN  
[54] **RETRACTABLE MOORING LINE DEVICE**  
[54] **RETRACTEUR DE LIGNE D'AMARRE**  
[72] GORDON, LESLEA C., CA  
[72] HANNA, FARHAT, CA  
[72] KNIGHT, DARREL C., CA  
[73] GORDON, LESLEA C., CA  
[73] KNIGHT, DARREL C., CA  
[22] 2002-09-11

[11] **2,402,617**  
[13] C

[51] **Int.Cl. 7B25B 13/46 7B60B 29/00**  
[25] EN  
[54] **SWING ARM**  
[54] **LEVIER DE SERRAGE**  
[72] HEAVEN, JONATHAN MARK, CA  
[73] HEAVEN, JONATHAN MARK, CA  
[22] 2002-09-23  
[30] US (09/960,144) 2001-09-24

[11] **2,414,417**  
[13] C

[51] **Int.Cl. 7F16D 3/84**  
[25] FR  
[54] **CONE DE MONTAGE DE SOUFFLETS DE PROTECTION D'ARTICULATIONS MECANIQUES**  
[54] **MOUNTING CONE FOR PROTECTIVE BOOTS FOR MECHANICAL JOINTS**  
[72] MERSCH, PATRICK, LU  
[73] YAMAJANY (SARL), FR  
[22] 2002-12-11  
[30] FR (0116193) 2001-12-14

[11] **2,417,170**  
[13] C

[51] **Int.Cl. 7A61B 17/58 7A61B 17/84**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ANCHORING A CORD-LIKE ELEMENT TO A WORKPIECE**  
[54] **APPAREIL ET PROCEDE D'ANCRAGE D'UN ELEMENT DE TYPE FIL SUR UNE PIECE OSSEUSE**  
[72] PEDLICK, JACK S., US  
[72] EAVES, FELMONT F., III, US  
[72] BIONDO, VINCENT C., US  
[73] EAVES, FELMONT F., III, US  
[73] ETHICON, INC., US  
[22] 1998-08-31  
[62] 2,363,595  
[30] US (08/935,215) 1997-09-22

[11] **2,418,402**  
[13] C

[51] **Int.Cl. 7A61C 15/04**  
[25] EN  
[54] **DENTAL TRAY FLOSSER**  
[54] **PLATEAU PORTE-SOIE DENTAIRE**  
[72] ROY, ANN C., CA  
[73] ROY, ANN C., CA  
[22] 2003-02-21

Canadian Patents Issued  
August 24, 2004

---

[11] **2,429,125**

[13] C

[51] **Int.Cl. 7B26B 21/40**

[25] EN

[54] **SHAVING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE**

**RASAGE**

[72] FUCCI, JOSEPH GEORGE, US

[72] CHAULK, DONALD ROBERT, US

[72] APPRILLE, DOMENIC VINCENT JR.,

US

[72] METCALF, STEPHEN CABOT, US

[72] TROTTA, ROBERT ANTHONY, US

[72] WORRICK, CHARLES BRIDGHAM

III, US

[73] THE GILLETTE COMPANY, US

[22] 1997-04-08

[62] 2,250,004

[30] US (630,437) 1996-04-10

---

[11] **2,429,129**

[13] C

[51] **Int.Cl. 7B26B 21/52**

[25] EN

[54] **SHAVING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE**

**RASAGE**

[72] FUCCI, JOSEPH GEORGE, US

[72] WORRICK, CHARLES BRIDGHAM

III, US

[72] TROTTA, ROBERT ANTHONY, US

[72] METCALF, STEPHEN CABOT, US

[72] APPRILLE, DOMENIC VINCENT JR.,

US

[72] CHAULK, DONALD ROBERT, US

[73] THE GILLETTE COMPANY, US

[22] 1997-04-08

[62] 2,250,004

[30] US (630,437) 1996-04-10

---

[11] **2,451,544**

[13] C

[51] **Int.Cl. 7A47B 81/00 7A01B 1/00**

**7B25G 1/04 7A01B 1/20 7A01B 1/22**

[25] EN

[54] **GARDEN TOOL RACK**

[54] **RATELIER A OUTILS DE JARDIN**

[72] LIN, PEI-YING, TW

[73] GLOBAL INDUSTRIES HOLDINGS

LTD., BS

[22] 2003-12-24

# Canadian Applications Open to Public Inspection

August 1, 2004 to August 7, 2004

## Demandes canadiennes mises à la disponibilité du public

1 août 2004 au 7 août 2004

<p>[21] <b>2,417,557</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60 7G09F 23/10</b> [25] EN [54] <b>A METHOD OF A SYSTEM TO BENEFIT CORPORATIONS, INDIVIDUALS REPRESENTIVES, CONSUMERS, SPONSOR'S CHARITIES, GOVERNMENT FUNDED PROGRAMS</b> [54] <b>METHODE D'UN SYSTEME DONT POURRONT BENEFICIER LES SOCIETES, LES PERSONNES, LES REPRESENTANTS, LES CONSOMMATEURS, LES ORGANISMES DE BIENFAISANCE, LES PROGRAMMES FINANCES PAR LE GOUVERNEMENT</b> [72] BROLLEY, KATHERINE J., CA [71] BROLLEY, KATHERINE J., CA [22] 2003-02-05 [41] 2004-08-05</p>	<p>[21] <b>2,417,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41F 17/38 7B44D 2/00</b> [25] FR [54] <b>LE PLI DU TEMPS</b> [54] <b>FOLD IN TIME</b> [72] BELANGER, CHRISTIAN, CA [71] BELANGER, CHRISTIAN, CA [22] 2003-02-03 [41] 2004-08-03</p>	<p>[21] <b>2,418,013</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 13/02</b> [25] EN [54] <b>THREE-DIMENSIONAL COLOR TELEVISION SYSTEM ADAPTED FOR DEPTH SEPARATION BY IMAGE FOCAL LENGTH</b> [54] <b>SYSTEME DE TELEVISION COULEUR A TROIS DIMENSIONS ADAPTE A LA SEPARATION EN PROFONDEUR PAR DISTANCE FOCAL D'IMAGE</b> [72] HORSLEY PETER B., CA [71] HORSLEY PETER B., CA [22] 2003-02-06 [41] 2004-08-06</p>
<p>[21] <b>2,417,944</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60F 3/00</b> [25] EN [54] <b>FLOATING TRACK DEVICE</b> [54] <b>DISPOSITIF A CHENILLE FLOTTANT</b> [72] MORIN, PIERRE E., CA [71] MORIN, PIERRE E., CA [22] 2003-02-05 [41] 2004-08-05</p>	<p>[21] <b>2,417,978</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04F 11/104</b> [25] FR [54] <b>TAPIS AMO-VITE</b> [54] <b>QUICK-CHANGE CARPET</b> [72] DUSABLON, JEAN-GUY, CA [71] DUSABLON, JEAN-GUY, CA [22] 2003-02-04 [41] 2004-08-04</p>	<p>[21] <b>2,418,017</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 21/062</b> [25] EN [54] <b>WEIGHT HOLDER DEVICE FOR WEIGHT LIFTING APPARATUS</b> [54] <b>DISPOSITIF DE SUPPORT DE POIDS POUR APPAREIL D'HALTEROPHILIE</b> [72] ROY, NORMAND, CA [71] ROY, NORMAND, CA [22] 2003-02-06 [41] 2004-08-06</p>
<p>[21] <b>2,417,948</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05C 19/00 7A47B 96/00 7E06B 7/00</b> [25] EN [54] <b>IMPROVED CHILDPROOF CUPBOARD LATCH</b> [54] <b>LOQUET D'ARMOIRE AMELIORE A L'EPREUVE DES ENFANTS</b> [72] SUGIYAMA, GERARD S., CA [71] SUGIYAMA, GERARD S., CA [22] 2003-02-03 [41] 2004-08-03</p>	<p>[21] <b>2,417,981</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01K 97/01</b> [25] FR [54] <b>WIND FISHER</b> [54] <b>WIND FISHER</b> [72] GODBOUT, MICHEL, CA [72] GODBOUT, STEVE, CA [71] GODBOUT, MICHEL, CA [71] GODBOUT, STEVE, CA [22] 2003-02-07 [41] 2004-08-07</p>	<p>[21] <b>2,418,020</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C21B 3/04 7B02C 17/00 7B03C 1/00 7B03B 5/10 7B03B 5/48</b> [25] EN [54] <b>STEEL SLAG PROCESSING JIG SYSTEM</b> [54] <b>SYSTEME DE BAC A PISTONNAGE POUR LE TRAITEMENT DE RESIDUS D'ACIER</b> [72] BRODEUR, JEAN, CA [71] BRODEUR, JEAN, CA [22] 2003-02-04 [41] 2004-08-04</p>

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,418,021**  
[13] A1

[51] **Int.Cl. 7E04H 12/34**  
[25] EN  
[54] **METHOD OF CONSTRUCTING AND ERECTING A TOWER**  
[54] **METHODE DE CONSTRUCTION ET D'ERECTION D'UN PYLONE**  
[72] AUCLAIR, MICHEL J. L., CA  
[71] AUCLAIR, MICHEL J. L., CA  
[22] 2003-02-06  
[41] 2004-08-06

---

[21] **2,418,051**  
[13] A1

[51] **Int.Cl. 7E02B 15/04**  
[25] EN  
[54] **OIL SPILL CONTAINMENT AND RECOVERY SYSTEM**  
[54] **SYSTEME DE RETENUE ET DE RECUPERATION DE PETROLE DEVERSE ACCIDENTELLEMENT**  
[72] LACZKO, DALE, CA  
[71] LACZKO, DALE, CA  
[22] 2003-02-06  
[41] 2004-08-06

---

[21] **2,418,082**  
[13] A1

[51] **Int.Cl. 7F03D 3/00**  
[25] EN  
[54] **WIND TURBINE WITH INLET CELLS**  
[54] **EOLIENNE MUNIE DE CHAMBRES D'ADMISSION**  
[72] CHAFE, PAUL C., CA  
[71] CHAFE, PAUL C., CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,418,123**  
[13] A1

[51] **Int.Cl. 7H02M 1/10 7H02M 11/00**  
[25] EN  
[54] **UNIVERSAL POWER CONVERTER**  
[54] **CONVERTISSEUR D'ALIMENTATION UNIVERSEL**  
[72] MESZLENYI, STEPHEN, CA  
[72] MESZLENYI, IVAN, CA  
[71] MESZLENYI, STEPHEN, CA  
[71] MESZLENYI, IVAN, CA  
[22] 2003-02-05  
[41] 2004-08-05

---

---

[21] **2,418,133**  
[13] A1

[51] **Int.Cl. 7F02M 35/10**  
[25] EN  
[54] **AIR INTAKE DEFLECTOR FOR TWIN CARBURETORS**  
[54] **DEFLECTEUR D'ENTREE D'AIR POUR CARBURATEURS DOUBLE CORPS**  
[72] LANEUVILLE, PATRICK, CA  
[71] LANEUVILLE, PATRICK, CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,418,213**  
[13] A1

[51] **Int.Cl. 7A01M 21/00**  
[25] EN  
[54] **PREEMERGENCE WEED CONTROL USING CORN GLUTEN MEAL**  
[54] **CONTROLE DE PRELEVEE DE LA MAUVAISE HERBE PAR L'UTILISATION DE LA FARINE DE GLUTEN DE MAIS**  
[72] CHRISTIANS, NICK, US  
[71] LEGER, MICHAEL, CA  
[22] 2003-02-05  
[41] 2004-08-05

---

[21] **2,418,264**  
[13] A1

[51] **Int.Cl. 7A01K 7/00**  
[25] EN  
[54] **CATTLE WATER CHUTE**  
[54] **SYSTEME D'ABREUVOIR D'EAU POUR LE BETAIL**  
[72] DUDEK, STANLEY, CA  
[71] SELECT INDUSTRIES LIMITED, CA  
[22] 2003-02-03  
[41] 2004-08-03

---

[21] **2,418,298**  
[13] A1

[51] **Int.Cl. 7A01G 23/14**  
[25] FR  
[54] **CHALUMEAU POUR LA RECOLTE DE SEVE**  
[54] **SPILE FOR HARVESTING SAP**  
[72] LAPIERRE, DONALD, CA  
[71] LAPIERRE, DONALD, CA  
[22] 2003-02-03  
[41] 2004-08-03

---

---

[21] **2,418,310**  
[13] A1

[51] **Int.Cl. 7H04N 9/78**  
[25] EN  
[54] **2D ADAPTIVE Y/C SEPARATOR FOR NTSC AND PAL COMPOSITE SIGNALS**  
[54] **SEPARATEUR Y/C ADAPTATIF BIDIMENSIONNEL POUR SIGNAUX COMPOSITES NTSC ET PAL**  
[72] WOODALL, NEIL, US  
[71] PIXELWORKS, INC., CA  
[22] 2003-02-04  
[41] 2004-08-04

---

[21] **2,418,328**  
[13] A1

[51] **Int.Cl. 7B27B 5/16 7B25H 1/10**  
[25] EN  
[54] **STAND FOR SUPPORTING ROTARY SAW**  
[54] **TABLE DE SUPPORT DE SCIE CIRCULAIRE**  
[72] CARLSON, JEFFREY ADAM, CA  
[72] CAMPLAIR, DOUGLAS JOCK, CA  
[71] CARLSON, JEFFREY ADAM, CA  
[71] CAMPLAIR, DOUGLAS JOCK, CA  
[22] 2003-02-03  
[41] 2004-08-03

---

[21] **2,418,332**  
[13] A1

[51] **Int.Cl. 7C22C 19/00 7C22C 1/04 7B22F 3/10**  
[25] EN  
[54] **CA-MM-NI BASED HYDROGEN STORAGE ALLOYS**  
[54] **ALLIAGES DE STOCKAGE D'HYDROGENE A BASE DE CA-MM-NI (MM = MISCHMETAL)**  
[72] SCHULZ, ROBERT, CA  
[72] LIANG, GUOXIAN, CA  
[71] HERA, HYDROGEN STORAGE SYSTEMS INC., CA  
[22] 2003-02-04  
[41] 2004-08-04

---

**Demandes canadiennes mises à la disponibilité du public**  
**1 août 2004 au 7 août 2004**

---

[21] **2,418,382**  
[13] A1

[51] **Int.Cl. 7G02B 26/00 7G02B 26/02 7H04J 14/02 7H04B 10/18**  
[25] EN  
[54] **ATHERMALLY-PASSIVE, ADJUSTABLE, CHROMATIC DISPERSION COMPENSATOR USING A LINEARLY CHIRPED FBG**  
[54] **COMPENSATEUR DE DISPERSION CHROMATIQUE REGLABLE A PASSIVITE ATHERMIQUE UTILISANT UN RESEAU DE FIBRES A COMPRESSION LINEAIRE D'IMPULSIONS**  
[72] PELLETIER, FRANCOIS, CA  
[72] VO VAN, ANDRE, CA  
[71] TERAXION INC, CA  
[22] 2003-02-04  
[41] 2004-08-04

---

[21] **2,418,387**  
[13] A1

[51] **Int.Cl. 7G08C 17/04**  
[25] EN  
[54] **PASSIVE INDUCTIVE SWITCH**  
[54] **INTERRUPTEUR INDUCTIF PASSIF**  
[72] WRATHALL, PAUL, CA  
[72] DINN, DON, CA  
[71] MAGNETO-INDUCTIVE SYSTEMS LIMITED, CA  
[22] 2003-02-04  
[41] 2004-08-04

---

[21] **2,418,393**  
[13] A1

[51] **Int.Cl. 7A47B 95/00 7A47B 96/00 7A47B 97/00**  
[25] EN  
[54] **SAFETY CORNER COVER (EDGE-EE)**  
[54] **CAPUCHON DE SECURITE POUR COIN (EDGE-EE)**  
[72] WRENCH EISLER, DORIS, CA  
[71] WRENCH EISLER, DORIS, CA  
[22] 2003-02-03  
[41] 2004-08-03

---

---

[21] **2,418,394**  
[13] A1

[51] **Int.Cl. 7B60J 3/02**  
[25] EN  
[54] **PLASTIC EYE SHADE(SHADE-EE)**  
[54] **VISIERE EN PLASTIQUE (SHADE-EE)**  
[72] WRENCH EISLER, DORIS, CA  
[71] WRENCH EISLER, DORIS, CA  
[22] 2003-02-03  
[41] 2004-08-03

---

[21] **2,418,397**  
[13] A1

[51] **Int.Cl. 7B01F 7/26 7B01F 3/04**  
[25] EN  
[54] **GAS ENTRAINER**  
[54] **DISPOSITIF D'ENTRAINEMENT DE GAZ**  
[72] ARMSTRONG, RICHARD JAMES, CA  
[71] ARMSTRONG, RICHARD JAMES, CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,418,403**  
[13] A1

[51] **Int.Cl. 7B60G 25/00**  
[25] EN  
[54] **KIT AND METHOD FOR HIGH CLEARANCE CONVERSION OF A VEHICLE**  
[54] **TROUSSE ET METHODE DE CONVERSION DE VEHICULE POUR AMELIORER LA GARDE AU SOL**  
[72] BRYAN, DAVID, CA  
[71] BRYAN, DAVID, CA  
[22] 2003-02-03  
[41] 2004-08-03

---

[21] **2,418,412**  
[13] A1

[51] **Int.Cl. 7H04N 5/95**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR THE CORRECTION OF TIME BASE ERRORS IN A VIDEO SIGNAL**  
[54] **METHODE ET APPAREIL DE CORRECTION DES ERREURS DE BASE DE TEMPS DANS UN SIGNAL VIDEO**  
[72] WREDENHAGEN, FINN G., CA  
[72] WOODALL, NEIL, US  
[71] PIXELWORKS, INC., CA  
[22] 2003-02-04  
[41] 2004-08-04

---

---

[21] **2,418,419**  
[13] A1

[51] **Int.Cl. 7H04N 5/44 7H04N 5/46**  
[25] EN  
[54] **A DSP APPROACH TO VIDEO DECODING**  
[54] **METHODE DE DECODAGE VIDEO PAR TRAITEMENT NUMERIQUE DES SIGNAUX**  
[72] WOODALL, NEIL, US  
[71] PIXELWORKS, INC., CA  
[22] 2003-02-04  
[41] 2004-08-04

---

[21] **2,418,453**  
[13] A1

[51] **Int.Cl. 7E05B 17/10 7F21V 33/00 7E05B 17/02 7E06B 3/30**  
[25] EN  
[54] **ILLUMINATED DECORATIVE DOOR GUARD SYSTEM**  
[54] **SYSTEME PROTECTEUR DE PORTE DECORATIF ECLAIRE**  
[72] WILKES, JOHN M., US  
[71] WILKES, JOHN M., US  
[22] 2003-02-04  
[41] 2004-08-04

---

[21] **2,418,458**  
[13] A1

[51] **Int.Cl. 7C07J 19/00**  
[25] FR  
[54] **SYNTHESE TOTALE DE 14 BETA-FLUOROSTEROIDES VIA LA REACTION DE DIELS-ALDER TRANSANNULAIRE**  
[54] **TOTAL SYNTHESIS OF 14 BETA-FLUOROSTEROIDS VIA THE TRANSANNULAR DIELS-ALDER REACTION**  
[72] BEAUBIEN, SYLVIE, CA  
[72] DESLONGCHAMPS, PIERRE, CA  
[71] NEOKIMIA INC., CA  
[22] 2003-02-06  
[41] 2004-08-06

---

[21] **2,418,462**  
[13] A1

[51] **Int.Cl. 7E02D 27/42**  
[25] EN  
[54] **UNIVERSAL PIER BLOCK**  
[54] **BLOC UNIVERSEL D'ASSEMBLAGE DE STRUCTURE**  
[72] TRIPLETT, DAVID, US  
[71] TRIPLETT, DAVID, US  
[22] 2003-02-04  
[41] 2004-08-04

---

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,418,470**  
[13] A1

[51] **Int.Cl. 7B42F 13/26**  
[25] FR  
[54] **CLASSEUR RECTANGULAIRE A QUATRE COTES A FERMETURE MAGNETIQUE ET SON PROCEDE DE FABRICATION**  
[54] **FOUR-SIDED RECTANGULAR FILING CABINET WITH MAGNETIC CLOSURE AND ITS MANUFACTURING PROCESS**  
[72] VINCENT, MICHEL, FR  
[71] SOCIETE CLAIRCELL-CLAIRCOM, FR  
[22] 2003-02-04  
[41] 2004-08-04

---

[21] **2,418,473**  
[13] A1

[51] **Int.Cl. 7H02G 1/02**  
[25] FR  
[54] **VEHICULE TELECOMMANDE CIRCULANT SUR CONDUCTEURS ET AYANT LA CAPACITE DE FRANCHIR LES OBSTACLES RENCONTRES GRACE AUX ROTORS DE SUPPORT TEMPORAIRE**  
[54] **ROBOT VEHICLE THAT RUNS ON CONDUCTORS AND HAS THE ABILITY TO NEGOTIATE OBSTACLES USING TEMPORARY SUPPORT ROTORS**  
[72] LEPAGE, MARCO, CA  
[72] MONTAMBAULT, SERGE, CA  
[72] POULIOT, NICOLAS, CA  
[71] HYDRO-QUEBEC, CA  
[22] 2003-02-04  
[41] 2004-08-04

---

[21] **2,418,497**  
[13] A1

[51] **Int.Cl. 7H01F 1/22 7H01F 1/24**  
[25] EN  
[54] **HIGH PERFORMANCE SOFT MAGNETIC PARTS MADE BY POWDER METALLURGY FOR AC APPLICATIONS**  
[54] **PIECES MAGNETIQUES A AIMANTATION TEMPORAIRE A HAUTE PERFORMANCE FABRIQUEES A L'AIDE DE LA TECHNOLOGIE DE LA METALLURGIE DES POUDRES POUR APPLICATIONS C.A.**  
[72] LEMIEUX, PATRICK, CA  
[71] CORPORATION IMFINE CANADA INC., CA  
[22] 2003-02-05  
[41] 2004-08-05

---

---

[21] **2,418,498**  
[13] A1

[51] **Int.Cl. 7E04D 5/12 7B32B 27/32**  
[25] EN  
[54] **MULTILAYER SLIP RESISTANT SHEET MATERIAL**  
[54] **MATERIAU EN FEUILLE MULTICOUCHE ANTIDERAPANT**  
[72] DI PEDE, SANDRO, CA  
[71] INTERWRAP INC., CA  
[22] 2003-02-05  
[41] 2004-08-05

---

[21] **2,418,514**  
[13] A1

[51] **Int.Cl. 7A47C 17/04 7A47C 17/14**  
[25] EN  
[54] **SLEEPER SOFA**  
[54] **DIVAN-LIT**  
[72] ROSSI, ROBERT, CA  
[71] ROSSI, ROBERT, CA  
[22] 2003-02-05  
[41] 2004-08-05

---

[21] **2,418,515**  
[13] A1

[51] **Int.Cl. 7A47J 37/07 7F23D 14/04**  
[25] EN  
[54] **BARBEQUE ASSEMBLY**  
[54] **ENSEMBLE A BARBECUE**  
[72] MCKENZIE, STUART T., CA  
[71] FIESTA BARBEQUES LIMITED, CA  
[22] 2003-02-05  
[41] 2004-08-05

---

[21] **2,418,518**  
[13] A1

[51] **Int.Cl. 7A01K 1/02**  
[25] EN  
[54] **APPARATUS FOR RAISING A SOW IN A FARROWING CRATE**  
[54] **APPAREIL POUR L'ELEVAGE D'UNE TRUIE DANS UNE CAGE DE MISE-BAS**  
[72] LARAMEE, GERALD E. J., CA  
[71] LARAMEE, GERALD E. J., CA  
[71] FUNK, ROBERT, CA  
[22] 2003-02-05  
[41] 2004-08-05

---

---

[21] **2,418,546**  
[13] A1

[51] **Int.Cl. 7C22B 34/32 7C01B 9/02 7C01G 1/06**  
[25] EN  
[54] **A METHOD FOR INCREASING THE CHROME TO IRON RATIO OF CHROMITES PRODUCTS**  
[54] **METHODE PERMETTANT D'ACCROITRE LE RAPPORT CHROME/FER DE PRODUITS DU TYPE CHROMITE**  
[72] RICHER-LAFLECHE, MARC, CA  
[72] BERGERON, MARIO, CA  
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA  
[22] 2003-02-06  
[41] 2004-08-06

---

[21] **2,418,548**  
[13] A1

[51] **Int.Cl. 7A01M 21/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING WEEDS**  
[54] **METHODE ET DISPOSITIF DE LUTTE CONTRE LES MAUVAISES HERBES**  
[72] VAUGHAN, STEVEN, CA  
[71] VAUGHAN, STEVEN, CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,418,551**  
[13] A1

[51] **Int.Cl. 7G09B 19/06 7G06F 17/30**  
[25] EN  
[54] **INTERNET-BASED LANGUAGE ARCHIVING SYSTEM AND EDUCATION FACILITY**  
[54] **SYSTEME D'ARCHIVAGE LINGUISTIQUE ET D'ENSEIGNEMENT SUR INTERNET**  
[72] BRAND, PETER, CA  
[72] ELLIOT, JOHN EDWARD, CA  
[71] FIRST PEOPLES' CULTURAL FOUNDATION, CA  
[22] 2003-02-05  
[41] 2004-08-05

---

**Demandes canadiennes mises à la disponibilité du public**  
**1 août 2004 au 7 août 2004**

---

[21] **2,418,556**  
[13] A1

[51] **Int.Cl. 7B62D 55/24**  
[25] EN  
[54] **ENDLESS TRACK FOR A TRACK  
PROPELLED VEHICLE**  
[54] **CHENILLE POUR VEHICULE A  
CHENILLE**  
[72] COURTEMANCHE, DENIS, CA  
[71] CAMOPLAST INC., CA  
[22] 2003-02-06  
[41] 2004-08-06

---

[21] **2,418,566**  
[13] A1

[51] **Int.Cl. 7B60D 1/145 7B21D 53/88**  
[25] EN  
[54] **TRANSPORT DRAWBAR**  
[54] **BARRE D'ATTELAGE DE  
TRANSPORT**  
[72] OLSON, BRIAN, CA  
[72] WACH, LLOYD, CA  
[71] OLSON, BRIAN, CA  
[71] WACH, LLOYD, CA  
[22] 2003-02-05  
[41] 2004-08-05

---

[21] **2,418,567**  
[13] A1

[51] **Int.Cl. 7G01S 13/74 7B65G 47/00**  
[25] EN  
[54] **CLOSED LOOP LOCATION  
DETECTION**  
[54] **DETECTION DE POSITION EN  
BOUCLE FERMEE**  
[72] UNKNOWN, ZZ  
[71] COGISCAN INC., CA  
[22] 2003-02-06  
[41] 2004-08-06

---

[21] **2,418,569**  
[13] A1

[51] **Int.Cl. 7E04B 5/00 7E04F 15/00**  
[25] EN  
[54] **DECKING SYSTEM AND  
ANCHORING DEVICE**  
[54] **SYSTEME DE PLATELAGE ET  
DISPOSITIF D'ANCRAGE**  
[72] EBERLE, HARRY W., III, US  
[71] EBERLE, HARRY W., III, US  
[22] 2003-02-06  
[41] 2004-08-06

---

---

[21] **2,418,571**  
[13] A1

[51] **Int.Cl. 7B65D 27/00 7B65D 27/34**  
[25] EN  
[54] **AN EXPANDABLE ENVELOPE  
CONSTRUCTION**  
[54] **ENVELOPPE EXTENSIBLE**  
[72] MAKOFSKY, MARVIN A., US  
[72] SCHWARTZ, JEROME B., US  
[71] PAMA ENTERPRISES, INC., US  
[22] 2003-02-05  
[41] 2004-08-05

---

[21] **2,418,582**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 17/00  
7C12Q 1/04**  
[25] EN  
[54] **A METHOD FOR SIMULATING  
AND MODELING THE PRESENCE AND  
GROWTH OF MICROBES, INCLUDING  
PATHOGENS AND SPOILAGE  
ORGANISMS THROUGH A FOOD  
SUPPLY CHAIN**  
[54] **METHODE DE SIMULATION ET  
DE MODELISATION DE LA PRESENCE  
ET DE LA CROISSANCE DE  
MICROBES, Y COMPRIS CELLES  
D'AGENTS PATHOGENES ET  
D'ORGANISMES DE DEGRADATION,  
DANS UNE CHAINE  
D'APPROVISIONNEMENT  
ALIMENTAIRE**  
[72] BERKIN, DEFNE, CA  
[72] LEGER, LYNN, CA  
[71] DU PONT CANADA INC., CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,418,585**  
[13] A1

[51] **Int.Cl. 7B60B 7/00**  
[25] EN  
[54] **WHEEL MOUNTED DECORATIVE  
MEMBER**  
[54] **ELEMENT DECORATIF MONTE  
SUR ROUE**  
[72] BAKER, SCOTT, US  
[71] BAKER, SCOTT, US  
[22] 2003-02-10  
[41] 2004-08-07  
[30] US (10/360,027) 2003-02-07

---

---

[21] **2,418,663**  
[13] A1

[51] **Int.Cl. 7G07F 19/00 7E05G 1/06**  
[25] EN  
[54] **DEPOSIT TAKING SYSTEM AND  
METHOD**  
[54] **SYSTEME ET METHODE DE  
PRISE DE DEPOTS**  
[72] SCOTLAND, NIGEL, CA  
[72] SIEMENS, JOHN, CA  
[71] NAMSYS INC., CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,418,673**  
[13] A1

[51] **Int.Cl. 7G08B 29/18 7G08B 29/16**  
[25] EN  
[54] **INTEGRATED LIGHTNING  
DETECTOR**  
[54] **DETECTEUR DE FOUDRE  
INTEGRE**  
[72] PARKER, JAMES, CA  
[72] PILDNER, REINHART K., CA  
[71] DIGITAL SECURITY CONTROLS  
LTD., CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,418,674**  
[13] A1

[51] **Int.Cl. 7H01B 5/14 7H01B 11/12  
7H04B 3/28 7H01F 27/36**  
[25] EN  
[54] **TRANSMISSION LINES AND  
TRANSMISSION LINE COMPONENTS  
WITH WAVELENGTH REDUCTION  
AND SHIELDING**  
[54] **LIGNES DE TRANSMISSION ET  
ELEMENTS DE LIGNE DE  
TRANSMISSION A REDUCTION DE  
LONGUEUR D'ONDE ET BLINDAGE**  
[72] CHEUNG, TAK SHUN, CA  
[72] LONG, JOHN ROBERT, NL  
[71] CHEUNG, TAK SHUN, CA  
[71] LONG, JOHN ROBERT, NL  
[22] 2003-02-07  
[41] 2004-08-07

---

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,418,686**  
[13] A1

[51] **Int.Cl. 7B62D 53/06 7B60K 1/00 7B60K 6/02**  
[25] EN  
[54] **MOTORIZED SEMI-TRAILER**  
[54] **SEMI-REMORQUE MOTORISE**  
[72] LECLERC, GAETAN, CA  
[71] LECLERC, GAETAN, CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,418,986**  
[13] A1

[51] **Int.Cl. 7F25D 3/06**  
[25] EN  
[54] **5 LITRE KEG COOLER**  
[54] **FUT REFROIDISSEUR DE CINQ LITRES**  
[72] STANLEY, DAVID, CA  
[71] STANLEY, DAVID, CA  
[22] 2003-02-07  
[41] 2004-08-07

---

[21] **2,419,268**  
[13] A1

[51] **Int.Cl. 7B25D 1/00**  
[25] EN  
[54] **NO-KNEE KICKER**  
[54] **APPAREIL A GENOU SANS COUP**  
[72] KHALAF, CHARBEL C. K., CA  
[71] KHALAF, CHARBEL C. K., CA  
[22] 2003-02-03  
[41] 2004-08-03

---

[21] **2,419,608**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 13/38 7G06F 17/60**  
[25] EN  
[54] **SYSTEM FOR CAPTURING INFORMATION AND RETRIEVING AND PRESENTING DATA RELATED THERETO**  
[54] **SYSTEME DE COLLECTE D'INFORMATION ET D'EXTRACTION ET DE PRESENTATION DE DONNEES CONNEXES**  
[72] MAYE, KENNETH, CA  
[72] TAREK, SIDNEY, CA  
[71] MT & T - MEDIA TRANSLATION AND TRANSPORTATION SERVICES INC., CA  
[22] 2003-02-03  
[41] 2004-08-03

---

---

[21] **2,419,882**  
[13] A1

[51] **Int.Cl. 7G09F 1/10**  
[25] EN  
[54] **CARD HOLDER PROTECTIVE OF INFORMATION BEARING SURFACE**  
[54] **PORTE-CARTES PROTEGEANT LA SURFACE PORTEUSE D'INFORMATION**  
[72] LEWIS, CAMERON P., CA  
[71] LEWIS, CAMERON P., CA  
[22] 2003-02-25  
[41] 2004-08-05  
[30] US (10/358,828) 2003-02-05

---

[21] **2,420,578**  
[13] A1

[51] **Int.Cl. 7C04B 22/08 7C04B 40/00**  
[25] EN  
[54] **ACCELERATING ADMIXTURE FOR CONCRETE**  
[54] **ACCELERATEUR DE PRISE POUR BETON**  
[72] CHRISTENSEN, BRUCE J., US  
[72] FARRINGTON, STEPHEN A., US  
[71] MBT HOLDING AG, CH  
[22] 2003-02-28  
[41] 2004-08-05  
[30] US (10/358,585) 2003-02-05

---

[21] **2,422,347**  
[13] A1

[51] **Int.Cl. 7B01D 63/10 7B01D 61/18 7B01D 61/20**  
[25] EN  
[54] **APPARATUS FOR FILTERING AND SEPARATING FLOW MEDIA**  
[54] **FILTRE ET SEPARATEUR D'ECOULEMENT**  
[72] HEINE, WILHELM, DE  
[71] ROCHEM RO-WASSERBEHANDLUNG GMBH, DE  
[22] 2003-03-14  
[41] 2004-08-07  
[30] EP (03002815.3) 2003-02-07

---

[21] **2,423,826**  
[13] A1

[51] **Int.Cl. 7E05D 7/00**  
[25] EN  
[54] **3D DOOR HINGE**  
[54] **CHARNIERE TRIDIMENSIONNELLE DE PORTE**  
[72] FENG, ZHIDE, US  
[71] FENG, ZHIDE, CA  
[22] 2003-03-05  
[41] 2004-08-05  
[30] US (60/445093) 2003-02-05

---

---

[21] **2,427,158**  
[13] A1

[51] **Int.Cl. 7H01P 3/08**  
[25] EN  
[54] **TRANSMISSION LINES AND COMPONENTS WITH WAVELENGTH REDUCTION AND SHIELDING**  
[54] **LIGNES ET ELEMENTS DE TRANSMISSION AVEC REDUCTION DE LONGUEUR D'ONDE ET BLINDAGE**  
[72] CHEUNG, TAK SHUN, CA  
[72] LONG, JOHN ROBERT, NL  
[71] CHEUNG, TAK SHUN, CA  
[71] LONG, JOHN ROBERT, NL  
[22] 2003-04-29  
[41] 2004-08-07  
[30] CA (2,418,674) 2003-02-07

---

[21] **2,427,971**  
[13] A1

[51] **Int.Cl. 7G21F 3/02 7A62B 17/00 7A41D 13/00**  
[25] EN  
[54] **PROTECTIVE ITEM FOR FIREFIGHTER OR EMERGENCY RESCUE WORKER AND OPAQUE TO HAZARDOUS RADIATION**  
[54] **ARTICLE OPAQUE AUX RAYONNEMENTS DANGEREUX, UTILISE POUR LA PROTECTION DES POMPIERS OU DU PERSONNEL DE SAUVETAGE**  
[72] STULL, JEFFREY O., US  
[72] GRILLIOT, WILLIAM L., US  
[72] GRILLIOT, MARY I., US  
[71] MORNING PRIDE MANUFACTURING, L.L.C., US  
[22] 2003-05-06  
[41] 2004-08-05  
[30] US (10/358,928) 2003-02-05

---

[21] **2,430,783**  
[13] A1

[51] **Int.Cl. 7A01K 1/02 7A01K 29/00 7A01M 23/00**  
[25] EN  
[54] **APPARATUS FOR RAISING A SOW IN A FARROWING CRATE**  
[54] **ELEVATEUR DE MISE EN PLACE DE TRUIE DANS UNE CAGE DE MISE A BAS**  
[72] KLEINSASSER, JONATHAN, CA  
[72] LARAMEE, GERALD E. J., CA  
[71] CRYSTAL SPRING COLONY FARMS LTD., CA  
[22] 2003-06-02  
[41] 2004-08-05  
[30] CA (2,418,518) 2003-02-05

---

**Demandes canadiennes mises à la disponibilité du public**  
**1 août 2004 au 7 août 2004**

---

[21] **2,431,042**  
[13] A1

[51] **Int.Cl. 7A42B 1/22 7A42B 1/02**  
[25] EN  
[54] **ADJUSTABLE HAT**  
[54] **CHAPEAU REGLABLE**  
[72] ZIMMERMAN, SCOTT, US  
[71] ZIMMERMAN, SCOTT, US  
[22] 2003-05-30  
[41] 2004-08-07  
[30] US (60/319,929) 2003-02-07

---

[21] **2,431,533**  
[13] A1

[51] **Int.Cl. 7B01J 27/047 7C10G 49/04**  
[25] EN  
[54] **HYDROGENATION CATALYSTS AND METHODS**  
[54] **CATALYSEURS D'HYDROGENATION ET METHODES CONNEXES**  
[72] RENDINA, DAVID D., CA  
[71] RENDINA, DAVID D., CA  
[22] 2003-06-07  
[41] 2004-08-04  
[30] US (10/357,628) 2003-02-04

---

[21] **2,435,868**  
[13] A1

[51] **Int.Cl. 7A47J 37/07 7F23D 14/46**  
[25] EN  
[54] **BARBEQUE ASSEMBLY**  
[54] **BARBECUE**  
[72] MCKENZIE, STUART T., CA  
[71] FIESTA BARBECUES LIMITED, CA  
[22] 2003-07-23  
[41] 2004-08-05  
[30] CA (2,418,515) 2003-02-05

---

[21] **2,438,071**  
[13] A1

[51] **Int.Cl. 7E01F 9/012**  
[25] EN  
[54] **TRAFFIC CHANNELIZER DEVICES**  
[54] **DISPOSITIFS CANALISEURS DE TRAFIC**  
[72] BROWN, GREGORY H., US  
[72] METTLER, CHARLES M., US  
[71] PLASTIC SAFETY SYSTEMS, INC., US  
[22] 2003-08-22  
[41] 2004-08-04  
[30] US (10/357,902) 2003-02-04

---

---

[21] **2,440,125**  
[13] A1

[51] **Int.Cl. 7B62D 7/18**  
[25] EN  
[54] **STEERING KNUCKLE AND ADJUSTABLE BOSS**  
[54] **FUSEE D'ESSIEU ET BOSSAGE REGLABLE**  
[72] GOTTSCHALK, MICHAEL J., US  
[71] THE BOLER COMPANY, US  
[22] 2003-09-09  
[41] 2004-08-03  
[30] US (10/356,636) 2003-02-03

---

[21] **2,440,611**  
[13] A1

[51] **Int.Cl. 7G01B 3/04 7G01B 3/06**  
[25] EN  
[54] **RULER**  
[54] **REGLE**  
[72] SHAPIRO, DAVID, US  
[71] IT'S ACADEMIC OF ILLINOIS, INC., US  
[22] 2003-09-12  
[41] 2004-08-07  
[30] US (10/361,075) 2003-02-07

---

[21] **2,441,181**  
[13] A1

[51] **Int.Cl. 7F02M 35/10 7F02B 31/04**  
[25] EN  
[54] **AIR INTAKE FLOW DEVICE FOR INTERNAL COMBUSTION ENGINE**  
[54] **DISPOSITIF D'ADMISSION D'AIR POUR MOTEUR A COMBUSTION INTERNE**  
[72] ROBLEY, SPENCER H., JR., US  
[71] ROBLEY, SPENCER H., JR., US  
[22] 2003-09-16  
[41] 2004-08-02

---

---

[21] **2,441,450**  
[13] A1

[51] **Int.Cl. 7E04D 1/12**  
[25] EN  
[54] **ROOFING SHINGLE WITH A LAYING LINE**  
[54] **BARDEAU DE TOITURE AVEC MARQUE D'ALIGNEMENT**  
[72] ZIULKOWSKI, CHARLES DOYLE, US  
[72] JOLITZ, RANDAL J., US  
[72] CARLSON, DENNIS DEAN, US  
[71] EPOCH COMPOSITE PRODUCTS, INC., US  
[22] 2003-09-18  
[41] 2004-08-04  
[30] US (10/357,685) 2003-02-04  
[30] US (10/387,606) 2003-03-13

---

[21] **2,443,087**  
[13] A1

[51] **Int.Cl. 7B25D 1/04 7B25C 11/00**  
[25] EN  
[54] **A TOOL FOR USE WITH X CLAW HAMMER IN REMOVAL OF NAILS**  
[54] **OUTIL UTILISABLE AVEC UN MARTEAU A PANNE FENDUE POUR L'ARRACHEMENT DES CLOUS**  
[72] HARALA, GREGORY M., US  
[71] HARALA, GREGORY M., US  
[22] 2003-09-26  
[41] 2004-08-05  
[30] US (10/358,383) 2003-02-05

---

[21] **2,444,685**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 11/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IMPROVING THE EFFICIENCY, COMFORT, AND/OR RELIABILITY IN OPERATING SYSTEMS, SUCH AS FOR EXAMPLE WINDOWS**  
[54] **SYSTEME ET METHODE AMELIORANT L'EFFICACITE, LA COMMODITE ET/OU LA FIABILITE DES SYSTEMES D'EXPLOITATION, COMME « WINDOWS »**  
[72] MAYER, YARON, IL  
[71] MAYER, YARON, IL  
[22] 2003-09-29  
[41] 2004-08-07  
[30] IL (154349) 2003-02-07  
[30] US (60/464,171) 2003-04-14

---

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,444,849**  
[13] A1

[51] **Int.Cl. 7B65D 81/38 7B32B 33/00 7C09K 5/08**  
[25] EN  
[54] **SELF-CONTAINED SILICONE-TYPE GEL THERMO-INSULATING LINER**  
[54] **REVETEMENT INTERIEUR THERMO-ISOLANT A BASE DE GEL DE TYPE SILICONE**  
[72] GAGNON, FRANCOIS, CA  
[71] GAGNON, FRANCOIS, CA  
[22] 2003-10-14  
[41] 2004-08-07  
[30] US (10/359,606) 2003-02-07

---

[21] **2,445,194**  
[13] A1

[51] **Int.Cl. 7A61H 33/02 7G05B 19/04 7G05D 7/06**  
[25] EN  
[54] **A METHOD AND DEVICE FOR CONTROLLING JET FLOW INTENSITY FOR A SPA**  
[54] **METHODE ET DISPOSITIF DE COMMANDE DU DEBIT DES JETS D'UNE CUVE THERMALE**  
[72] ANDERSON, PERRY, US  
[71] 9090-3493 QUEBEC INC., CA  
[22] 2003-10-10  
[41] 2004-08-04  
[30] US (10/357,922) 2003-02-04

---

[21] **2,445,893**  
[13] A1

[51] **Int.Cl. 7H02J 15/00 7H02J 7/00 7H04B 7/204 7H04Q 7/32**  
[25] EN  
[54] **POWER CIRCUIT AND COMMUNICATION DEVICE PROVIDED WITH SAME**  
[54] **CIRCUIT D'ALIMENTATION ET DISPOSITIF DE COMMUNICATION MUNI D'UN TEL CIRCUIT**  
[72] SASAKI, HIROSHI, JP  
[71] NEC TOKIN CORPORATION, JP  
[22] 2003-10-21  
[41] 2004-08-07  
[30] JP (2003-030454) 2003-02-07  
[30] JP (2003-183617) 2003-06-26

---

[21] **2,446,665**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/10**  
[25] EN  
[54] **OSCILLATING GAS FLOW IN FUEL CELLS**  
[54] **PILES A COMBUSTIBLE A DEBIT DE GAZ PULSE**  
[72] CHAMPION, DAVID, US  
[72] MARDILOVICH, PETER, US  
[72] HERMAN, GREGORY S., US  
[72] O'NEIL, JAMES, US  
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US  
[22] 2003-10-24  
[41] 2004-08-07  
[30] US (10/359,976) 2003-02-07

---

[21] **2,447,185**  
[13] A1

[51] **Int.Cl. 7H01Q 11/10 7H01Q 1/12 7H01Q 1/14**  
[25] EN  
[54] **LOG-PERIODIC DIPOLE ANTENNA**  
[54] **ANTENNE DOUBLET LOG-PERIODIQUE**  
[72] SERGI, PAUL D., US  
[71] SERGI, PAUL D., US  
[22] 2003-10-28  
[41] 2004-08-03  
[30] US (10/356,802) 2003-02-03

---

[21] **2,447,997**  
[13] A1

[51] **Int.Cl. 7C09D 9/00**  
[25] EN  
[54] **STRIPPER FORMULATIONS AND PROCESS**  
[54] **COMPOSITIONS D'AGENT DE DECAPAGE ET METHODE CONNEXE**  
[72] SCHERUBEL, GARY A., US  
[71] BUCKEYE INTERNATIONAL, INC., US  
[22] 2003-11-03  
[41] 2004-08-07  
[30] US (10/361,047) 2003-02-07

---

[21] **2,449,327**  
[13] A1

[51] **Int.Cl. 7A01G 9/02 7A01G 1/08 7A01G 9/10**  
[25] EN  
[54] **PLANTING RECEPTACLE ASSEMBLY AND METHOD FOR PLANTING**  
[54] **SEMOIR ET METHODE D'ENSEMENCEMENT**  
[72] COCHRAN, BRADLEY, US  
[71] COCHRAN, BRADLEY, US  
[22] 2003-11-13  
[41] 2004-08-04  
[30] US (10/357,802) 2003-02-04

---

[21] **2,450,294**  
[13] A1

[51] **Int.Cl. 7H01J 61/20 7H01J 61/24 7H01J 61/30**  
[25] EN  
[54] **REDUCED MERCURY CERAMIC METAL HALIDE LAMP**  
[54] **LAMPE A HALOGENURE DE METAL ET COMPOSANTE CERAMIQUE, A FAIBLE TENEUR EN MERCURE**  
[72] ROTHWELL, HAROLD L., JR., US  
[72] BROCK, LORI R., US  
[72] NACHEV, NIKOLAY, US  
[71] OSRAM SYLVANIA INC., US  
[22] 2003-11-20  
[41] 2004-08-04  
[30] US (10/357,790) 2003-02-04

---

[21] **2,450,325**  
[13] A1

[51] **Int.Cl. 7F21V 17/08 7F21V 33/00 7F21V 35/00**  
[25] EN  
[54] **LIGHT FIXTURE**  
[54] **LUMINAIRE**  
[72] GARBER, THOMAS A., US  
[72] HOURY, KENNETH J., US  
[71] QUOIZEL, INC., US  
[22] 2003-11-20  
[41] 2004-08-05  
[30] US (10/358,624) 2003-02-05

**Demandes canadiennes mises à la disponibilité du public**  
**1 août 2004 au 7 août 2004**

---

[21] **2,451,506**  
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 17/30 7G06F 17/60 7G06K 9/78**  
[25] EN  
[54] **DOCUMENT HANDLING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE TRAITEMENT DE DOCUMENTS**  
[72] PATTERSON, JOHN DOUGLAS, US  
[71] THE STANDARD REGISTER COMPANY, US  
[22] 2003-11-28  
[41] 2004-08-06  
[30] US (10/359,769) 2003-02-06

---

[21] **2,451,695**  
[13] A1

[51] **Int.Cl. 7A47B 81/00 7A47B 96/00 7A47F 5/00**  
[25] EN  
[54] **PALLET RACK WITH CAMBER BEAMS**  
[54] **PALETTIER A POUTRES CAMBRES**  
[72] ROSENBERG, GARY J., US  
[72] SNIFF, WILLIAM R., US  
[72] KRUEGER, STEVEN E., US  
[72] ANDERSON, JAYCE S., US  
[71] STEEL KING INDUSTRIES, INC., US  
[22] 2003-12-02  
[41] 2004-08-03  
[30] US (10/357,732) 2003-02-03

---

[21] **2,451,879**  
[13] A1

[51] **Int.Cl. 7G08B 29/00 7G08B 3/10**  
[25] EN  
[54] **AUTOMATIC SIREN SILENCING DEVICE FOR FALSE ALARMS**  
[54] **DISPOSITIF DE MISE AU SILENCE AUTOMATIQUE DE SIRENE EN CAS DE FAUSSE ALARME**  
[72] TRENT, ROBERT J., CA  
[71] TRENT, ROBERT J., CA  
[71] SPIRAL TECHNOLOGIES LIMITED, CA  
[22] 2003-12-08  
[41] 2004-08-04  
[30] US (10/357,207) 2003-02-04

---

---

[21] **2,452,190**  
[13] A1

[51] **Int.Cl. 7H05B 33/00 7F21V 19/00 7H05B 33/10 7F21S 8/10 7B60Q 1/26**  
[25] EN  
[54] **SOLID-STATE AUTOMOTIVE LAMP**  
[54] **FEU D'AUTOMOBILE A SEMICONDUCTEURS**  
[72] TESSNOW, THOMAS, US  
[72] SIDWELL, STEVEN C., US  
[72] COUSHAIN, CHARLES M., US  
[71] OSRAM SYLVANIA INC., US  
[22] 2003-12-05  
[41] 2004-08-03  
[30] US (60/444,566) 2003-02-03  
[30] US (10/625,819) 2003-07-23

---

[21] **2,453,058**  
[13] A1

[51] **Int.Cl. 7H01H 51/22 7B81B 7/02 7B81B 7/04**  
[25] EN  
[54] **BI-PLANAR MICROWAVE SWITCHES AND SWITCH MATRICES**  
[54] **COMMUTATEURS HYPERFREQUENCES BIPLANAIRES**  
[72] KWIATKOWSKI, REGINA, CA  
[71] COM DEV LTD., CA  
[22] 2003-12-11  
[41] 2004-08-06  
[30] US (10/359,158) 2003-02-06

---

[21] **2,453,927**  
[13] A1

[51] **Int.Cl. 7B29C 49/42 7B29C 49/00 7B29C 49/28 7B29C 49/36**  
[25] EN  
[54] **VARIABLE-PITCH ARM STAR CONSTRUCTION FOR ROTARY MOLDING MACHINES FOR MAKING, BY DRAWING AND BLOWING, PLASTIC VESSELS AND BOTTLES, AND ROTARY MOLDING MACHINE COMPRISING THE STAR CONSTRUCTION**  
[54] **BRAS ETOILE A PAS VARIABLE DE MOULE A CARROUSEL POUR FABRIQUER, ETIRER ET SOUFFLER DES RECIPIENTS ET DES BOUTEILLES EN PLASTIQUE, ET MOULE A CARROUSEL AINSI EQUIPE**  
[72] NAVA, PAOLO, IT  
[71] SMI S.P.A., IT  
[22] 2003-12-22  
[41] 2004-08-05  
[30] IT (MI2003A 000194) 2003-02-05

---

---

[21] **2,454,129**  
[13] A1

[51] **Int.Cl. 7C04B 24/18 7C07G 1/00 7C08H 5/02**  
[25] EN  
[54] **TREATED LIGNOSULFONATES AS ADDITIVES FOR CEMENTITIOUS SYSTEMS**  
[54] **LIGNOSULFONATES TRAITES UTILISES COMME ADJUVANTS DANS DES MELANGES CIMENTAIRES**  
[72] JOLICOEUR, CARMEL R., CA  
[72] CAMERON, DAVID ROBERT, CA  
[72] STRMEN, JURAJ, CA  
[72] BENSON, ROBERT A.C., CA  
[72] SHARMAN, JEFFREY GORDON, CA  
[71] TEMBEC INDUSTRIES INC., CA  
[22] 2003-12-23  
[41] 2004-08-06  
[30] US (10/359,074) 2003-02-06

---

[21] **2,454,337**  
[13] A1

[51] **Int.Cl. 7A61K 31/42 7A61P 25/16 7A61K 31/198**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF MOVEMENT DISORDERS**  
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE DYSKINESIES**  
[72] JAVITT, DANIEL C., US  
[72] HERESCO-LEVY, URIEL, IL  
[71] SARAH HERZOG MEMORIAL HOSPITAL, EZRAT NASHIM ASSOCIATION, IL  
[22] 2003-12-29  
[41] 2004-08-06  
[30] IL (154,318) 2003-02-06

---

[21] **2,454,438**  
[13] A1

[51] **Int.Cl. 7H01R 13/64 7H01R 13/627 7H01R 13/642**  
[25] EN  
[54] **CONNECTING DEVICE**  
[54] **CONNECTEUR**  
[72] RADUNSKY, VADIM, US  
[72] KANALLY, TOM, US  
[72] FEINBERG, ARNOLD S., US  
[72] NANIA, FRANK A., US  
[72] COUGHLIN, CHRISTOPHER, US  
[71] HYPERTRONICS CORPORATION, US  
[22] 2003-12-30  
[41] 2004-08-07  
[30] US (60/445,932) 2003-02-07

---

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,454,482**  
[13] A1

[51] **Int.Cl. 7A61M 1/00 7G01N 1/00  
7A61J 1/10 7A61M 1/36**  
[25] EN  
[54] **A SAMPLING BAG SYSTEM WITH  
A PREFORMED LOOP**  
[54] **SYSTEME A SAC  
D'ECHANTILLONNAGE A CIRCUIT  
PREFORME**  
[72] VERPOORT, THIERRY, FR  
[72] GOUDALIEZ, FRANCIS, FR  
[72] BEHAGUE, MAURICE, FR  
[71] MACO PHARMA, FR  
[22] 2003-12-30  
[41] 2004-08-03  
[30] FR (03 01196) 2003-02-03

---

[21] **2,454,483**  
[13] A1

[51] **Int.Cl. 7H04L 27/01**  
[25] EN  
[54] **EQUALIZING METHOD AND  
APPARATUS FOR SINGLE CARRIER  
SYSTEM HAVING AN IMPROVED  
EQUALIZATION PERFORMANCE**  
[54] **METHODE ET APPAREIL  
D'EGALISATION POUR SYSTEME A  
PORTEUSE UNIQUE OFFRANT UNE  
EFFICACITE D'EGALISATION  
ACCRUE**  
[72] KWON, YONG-SIK, KR  
[72] KIM, JUNG-JIN, KR  
[72] JEONG, JIN-HEE, KR  
[71] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[22] 2003-12-24  
[41] 2004-08-06  
[30] KR (2003-7589) 2003-02-06

---

[21] **2,454,486**  
[13] A1

[51] **Int.Cl. 7H04L 27/01 7H04H 1/00**  
[25] EN  
[54] **DIGITAL COMMUNICATION  
SYSTEM AND METHOD FOR  
OPERATING THE SYSTEM WHICH  
CAN IMPROVE EQUALIZATION  
PERFORMANCE ACCORDING TO  
CHANNEL STATE**  
[54] **SYSTEME DE COMMUNICATION  
NUMERIQUE ET METHODE  
D'EXPLOITATION DE CE SYSTEME  
QUI PERMET D'ACCROITRE  
L'EFFICACITE D'EGALISATION EN  
FONCTION DE L'ETAT DU CANAL**  
[72] KWON, YONG-SIK, KR  
[72] JEONG, JIN-HEE, KR  
[72] KIM, JUNG-JIN, KR  
[71] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[22] 2003-12-24  
[41] 2004-08-06  
[30] KR (2003-7591) 2003-02-06

---

[21] **2,454,491**  
[13] A1

[51] **Int.Cl. 7B29D 23/00 7B29C 47/20**  
[25] EN  
[54] **METHOD OF MAKING CURVED  
HOSE**  
[54] **METHODE DE FABRICATION DE  
TUYAU SOUPLE INCURVE**  
[72] CULHAM, ARTHUR JOSEPH, CA  
[72] KOTSOS, TONY JOHN, CA  
[72] HUYNH, RICHARD VITAI, CA  
[72] MASON, PETER DONALD, CA  
[72] BENDER, CHARLES FREDERICK,  
CA  
[71] THE GOODYEAR TIRE & RUBBER  
COMPANY, US  
[22] 2003-12-24  
[41] 2004-08-07  
[30] US (60/445,670) 2003-02-07

---

[21] **2,454,572**  
[13] A1

[51] **Int.Cl. 7C12N 9/16 7B01D 9/00 7G06F  
19/00 7C07K 1/00 7C12Q 1/44 7G06F 17/  
50 7G01N 33/573 7C30B 29/58**  
[25] EN  
[54] **CRYSTALLINE PDE4D2  
CATALYTIC DOMAIN COMPLEX, AND  
METHODS FOR MAKING AND  
EMPLOYING SAME**  
[54] **COMPLEXE CRISTALLIN PDE4D2  
DE NATURE CATALYTIQUE ET  
METHODES CONNEXES DE  
SYNTHESE ET D'UTILISATION DUDIT  
COMPLEXE**  
[72] HUAI, QING, US  
[72] KE, HENGMING, US  
[71] THE UNIVERSITY OF NORTH  
CAROLINA AT CHAPEL HILL, US  
[22] 2004-02-03  
[41] 2004-08-03  
[30] US (60/444,610) 2003-02-03

---

[21] **2,454,844**  
[13] A1

[51] **Int.Cl. 7B62D 55/07 7B62D 25/20**  
[25] EN  
[54] **A BOTTOM PAN FOR A  
SNOWMOBILE**  
[54] **CUVETTE MOTEUR POUR  
MOTONEIGE**  
[72] PYYKONEN, TAPANI, FI  
[71] BOMBARDIER-NORDTRAC OY, FI  
[22] 2004-02-04  
[41] 2004-08-04  
[30] US (60/444652) 2003-02-04

---

[21] **2,454,846**  
[13] A1

[51] **Int.Cl. 7B63H 20/04**  
[25] EN  
[54] **INTEGRATED ENGINE - JET  
PUMP DRIVE UNIT FOR MARINE  
APPLICATION**  
[54] **MOTEUR AVEC POMPE DE  
PROPULSION INTEGREE POUR  
APPLICATION MARITIME**  
[72] KUSEL, HEINZ, AT  
[72] KORENJAK, NORBERT, AT  
[71] BOMBARDIER-ROTAX GMBH &  
CO. KG., AT  
[22] 2004-02-09  
[41] 2004-08-07  
[30] US (60/445461) 2003-02-07

# Demandes canadiennes mises à la disponibilité du public

1 août 2004 au 7 août 2004

---

[21] **2,454,857**  
[13] A1  
[51] **Int.Cl. 7E21B 33/04**  
[25] EN  
[54] **Y-BODY CHRISTMAS TREE FOR THE USE WITH COIL TUBING**  
[54] **ARBRE DE NOEL PETROLIER EN Y UTILISABLE AVEC UNE TUBE DE PRODUCTION CONCENTRIQUE**  
[72] CORNELSSEN, MICHAEL JAMES, CA  
[72] LAM, TONY M., CA  
[72] FARQUHARSON, KEITH DAVID, CA  
[71] STREAM-FLO INDUSTRIES LTD., CA  
[22] 2003-12-30  
[41] 2004-08-07  
[30] US (10/360,532) 2003-02-07

---

[21] **2,454,941**  
[13] A1  
[51] **Int.Cl. 7A01G 9/16**  
[25] EN  
[54] **FOLDING MODULAR GREENHOUSE**  
[54] **SERRE MODULAIRE PLIABLE**  
[72] ARMSTRONG, SHEILA MARY, CA  
[72] ARMSTRONG, RONALD B., CA  
[71] ARMSTRONG, SHEILA MARY, CA  
[22] 2004-02-07  
[41] 2004-08-07  
[30] US (10/359774) 2003-02-07

---

[21] **2,454,979**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00 7G09B 19/00**  
[25] EN  
[54] **ELECTRONIC COURSE EVALUATION**  
[54] **EVALUATION DE COURS ELECTRONIQUE**  
[72] RANIERE, KEITH A., US  
[71] FIRST PRINCIPLES, INC., US  
[22] 2004-01-12  
[41] 2004-08-04  
[30] US (10/358,902) 2003-02-04

---

[21] **2,454,980**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06 7H04L 12/56**  
[25] EN  
[54] **MULTIPLEXER DISCOVERY AND PARAMETER EXCHANGE**  
[54] **DECOUVERTE DE MULTIPLEXEUR ET ECHANGE DE PARAMETRES**  
[72] SCHOLTE, ALEXANDER MARTIN, AT  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2004-01-09  
[41] 2004-08-07  
[30] US (10/359,850) 2003-02-07

---

[21] **2,455,173**  
[13] A1  
[51] **Int.Cl. 7A63B 67/14**  
[25] EN  
[54] **CURLING BROOM**  
[54] **BALAIS DE CURLING**  
[72] KROGAN, CRAIG, CA  
[71] KROGAN, CRAIG, CA  
[22] 2004-01-14  
[41] 2004-08-04  
[30] US (60/444,695) 2003-02-04

---

[21] **2,455,198**  
[13] A1  
[51] **Int.Cl. 7H02H 7/08 7H02K 11/00**  
[25] EN  
[54] **DEVICE FOR PROTECTING A BEARING OF AN ELECTRICAL MACHINE FROM A DESTRUCTIVE CURRENT**  
[54] **DISPOSITIF DE PROTECTION DE ROULEMENT DE MACHINE ELECTRIQUE CONTRE LES COURANTS DESTRUCTEURS**  
[72] BUSCHBECK, FRANK, AT  
[72] PREISINGER, GERWIN, AT  
[72] GROESCHL, MARTIN, AT  
[71] AB SKF, SE  
[22] 2004-01-14  
[41] 2004-08-07  
[30] DE (203 01 956.3) 2003-02-07

---

[21] **2,455,252**  
[13] A1  
[51] **Int.Cl. 7A61B 17/00 7A61B 19/00 7A61B 17/15 7A61B 17/17 7A61F 2/28 7A61F 2/36 7A61B 17/56**  
[25] EN  
[54] **SURGICAL NAVIGATION INSTRUMENT USEFUL IN MARKING ANATOMICAL STRUCTURES**  
[54] **INSTRUMENT DE NAVIGATION CHIRURGICALE UTILE POUR LE MARQUAGE DES STRUCTURES ANATOMIQUES**  
[72] GRIMM, JAMES E., US  
[72] MCGINLEY, SHAWN E., US  
[72] ACKER, DEAN M.J., US  
[72] COOK, KEVIN S., US  
[71] ZIMMER TECHNOLOGY, INC., US  
[22] 2004-01-16  
[41] 2004-08-04  
[30] US (10/357,959) 2003-02-04

---

[21] **2,455,356**  
[13] A1  
[51] **Int.Cl. 7A61B 17/00 7A61B 19/00 7A61B 17/15 7A61B 17/17 7A61B 17/56**  
[25] EN  
[54] **GUIDANCE SYSTEM FOR ROTARY SURGICAL INSTRUMENT**  
[54] **SYSTEME DE GUIDAGE POUR INSTRUMENT CHIRURGICAL ROTATIF**  
[72] GRIMM, JAMES E., US  
[72] MCGINLEY, SHAWN E., US  
[71] ZIMMER TECHNOLOGY, INC., US  
[22] 2004-01-16  
[41] 2004-08-04  
[30] US (10/357,592) 2003-02-04

---

[21] **2,455,373**  
[13] A1  
[51] **Int.Cl. 7D06F 58/10 7A47B 81/00**  
[25] EN  
[54] **CLOTHES DRYING CABINET WITH IMPROVED AIR DISTRIBUTION**  
[54] **ARMOIRE A SECHER LE LINGE A DISTRIBUTION D'AIR AMELIOREE**  
[72] PROWS, DENNIS S., US  
[71] MAYTAG CORPORATION, US  
[22] 2004-01-19  
[41] 2004-08-06  
[30] US (10/361,896) 2003-02-06

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,455,374**  
[13] A1

[51] **Int.Cl. 7A61B 17/00 7A61B 19/00  
7A61F 2/02 7A61F 2/32 7A61B 17/56**  
[25] EN  
[54] **IMPLANT REGISTRATION  
DEVICE FOR SURGICAL  
NAVIGATION SYSTEM**  
[54] **DISPOSITIF  
D'ENREGISTREMENT D'IMPLANT  
POUR SYSTEME DE NAVIGATION  
CHIRURGICALE**  
[72] GRIMM, JAMES E., US  
[72] MCGINLEY, SHAWN E., US  
[71] ZIMMER TECHNOLOGY, INC., US  
[22] 2004-01-19  
[41] 2004-08-04  
[30] US (10/357,754) 2003-02-04

---

[21] **2,455,382**  
[13] A1

[51] **Int.Cl. 7A61F 2/38 7A61L 27/04  
7A61L 27/06 7A61L 27/14**  
[25] EN  
[54] **MOBILE BEARING  
UNICOMPARTMENTAL KNEE**  
[54] **PROTHESE  
UNICOMPARTIMENTALE DE GENOU  
A ARTICULATION MOBILE**  
[72] WEBSTER, VINCENT, US  
[72] LAZAR, SCOTT, US  
[72] HODOREK, ROBERT A., US  
[72] FARLING, TOBY, US  
[72] SANFORD, ADAM H., US  
[71] ZIMMER TECHNOLOGY, INC., US  
[22] 2004-01-20  
[41] 2004-08-03  
[30] US (10/357,264) 2003-02-03

---

[21] **2,455,468**  
[13] A1

[51] **Int.Cl. 7A61C 13/00**  
[25] EN  
[54] **DEVICE AND METHOD FOR  
MANUFACTURING DENTAL  
PROSTHESIS**  
[54] **DISPOSITIF ET METHODE POUR  
LA FABRICATION DE PROTHESES  
DENTAIRES**  
[72] KORDASS, BERND, DE  
[72] GAERTNER, CHRISTIAN, DE  
[71] HERAEUS KULZER GMBH & CO.  
KG, DE  
[22] 2004-01-20  
[41] 2004-08-05  
[30] DE (103 04 757.3) 2003-02-05

---

---

[21] **2,455,530**  
[13] A1

[51] **Int.Cl. 7B25B 5/10**  
[25] EN  
[54] **TOOL CLAMP AND METHOD  
[54] PINCE A OUTIL ET METHODE DE  
FONCTIONNEMENT**  
[72] ULINSKI, SCOTT T., US  
[72] OLSON, VINCENT T., US  
[71] THE BOEING COMPANY, US  
[22] 2004-01-22  
[41] 2004-08-04  
[30] US (10/357,678) 2003-02-04

---

[21] **2,455,581**  
[13] A1

[51] **Int.Cl. 7E21B 47/12 7G01V 13/00  
7E21B 7/04**  
[25] EN  
[54] **DOWNHOLE CALIBRATION  
SYSTEM FOR DIRECTIONAL  
SENSORS**  
[54] **SYSTEME D'ETALONNAGE DE  
PUITS POUR CAPTEURS  
DIRECTIONNELS**  
[72] WU, JIAN-QUN, US  
[71] PRECISION DRILLING  
TECHNOLOGY SERVICES GROUP INC.,  
CA  
[22] 2004-01-22  
[41] 2004-08-04  
[30] US (10/359,372) 2003-02-04

---

[21] **2,455,650**  
[13] A1

[51] **Int.Cl. 7B29C 47/58 7B29C 47/62**  
[25] EN  
[54] **EXTRUDER**  
[54] **EXTRUDEUSE**  
[72] THEWES, DIETER, DE  
[72] WALACH, WIESLAW, DE  
[72] WINKLER, REINHOLD, DE  
[71] REIFENHAEUSER GMBH & CO.  
MASCHINENFABRIK, DE  
[22] 2004-01-22  
[41] 2004-08-01  
[30] EP (03 002 272.7-1253) 2003-02-01

---

---

[21] **2,455,669**  
[13] A1

[51] **Int.Cl. 7G01N 21/78 7G01N 33/49  
7G01N 33/52**  
[25] EN  
[54] **METHOD AND TEST STRIP FOR  
DETERMINING GLUCOSE IN BLOOD**  
[54] **METHODE ET BATONNET  
DIAGNOSTIQUE POUR DETERMINER  
LA GLYCEMIE**  
[72] MARFURT, KAREN L., US  
[71] BAYER HEALTHCARE LLC, US  
[22] 2004-01-22  
[41] 2004-08-04  
[30] US (60/444,414) 2003-02-04

---

[21] **2,455,699**  
[13] A1

[51] **Int.Cl. 7F16L 37/084 7F16L 37/098**  
[25] EN  
[54] **CONNECTOR**  
[54] **CONNECTEUR**  
[72] CAMPAU, DANIEL N., US  
[71] FLOW-RITE CONTROLS, LTD., US  
[22] 2004-01-23  
[41] 2004-08-04  
[30] US (10/358,000) 2003-02-04

---

[21] **2,455,785**  
[13] A1

[51] **Int.Cl. 7A23L 3/3418 7A23L 3/28  
7A23L 3/3409**  
[25] EN  
[54] **FOOD SURFACE SANITATION  
TUNNEL**  
[54] **SYSTEME D'ASSAINISSEMENT  
DE LA SURFACE DES ALIMENTS**  
[72] PEARSALL, CHARLES W., US  
[72] FINK, RONALD G., US  
[72] ELLIS, WALTER B., US  
[71] BOC INC., US  
[22] 2004-01-23  
[41] 2004-08-07  
[30] US (10/248,671) 2003-02-07

---

**Demandes canadiennes mises à la disponibilité du public**

**1 août 2004 au 7 août 2004**

---

[21] **2,456,031**  
[13] A1

[51] **Int.Cl. 7A61K 31/375 7A61P 17/00 7A61P 37/00 7A61K 7/06 7A61K 31/215 7A61K 7/32 7A61K 31/341 7A61K 7/42 7A61K 7/48**  
[25] FR  
[54] **UTILISATION DE MONO- OU DI-ESTERS D'ACIDE CINNAMIQUE OU DE L'UN DE SES DERIVES ET DE VITAMINE C, COMME DONNEUR DE NO**  
[54] **USE OF MONO- OR DI-ESTERS OF CINNAMIC ACID OR ONE OF ITS DERIVATIVES AND VITAMIN C, AS A SOURCE OF NO**  
[72] CALS-GRIERSON, MARIE-MADELEINE, FR  
[71] L'OREAL, FR  
[22] 2004-01-29  
[41] 2004-08-03  
[30] FR (0301210) 2003-02-03  
[30] US (60/452054) 2003-03-06

---

[21] **2,456,035**  
[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61P 17/00 7A61K 7/06 7A61K 31/192 7A61K 7/48**  
[25] FR  
[54] **UTILISATION DE N-ARYLMETHYLENE ETHYLENEDIAMINETRIACETATES, N-ARYLMETHYLENEIMINODIACETATES OU N,N'-DIARYLMETHYLENE ETHYLENEDIAMINEACETATES COMME DONNEURS DE NO**  
[54] **USE OF N-ARY N-ARYLMETHYLENEIMINODIACETATES OR N, N1-DIARYLMETHYLENE ETHYLENEDIAMINEACETATES AS SOURCES OF NO LMETHYLENE ETHYLENEDIAMINETRIACETATES**  
[72] CALS-GRIERSON, MARIE-MADELEINE, FR  
[71] L'OREAL, FR  
[22] 2004-01-29  
[41] 2004-08-03  
[30] FR (0301211) 2003-02-03  
[30] US (60/452050) 2003-03-06

---

---

[21] **2,456,263**  
[13] A1

[51] **Int.Cl. 7D06F 37/12**  
[25] EN  
[54] **BALANCE RING ATTACHMENT**  
[54] **FIXATION D'ANNEAU D'EQUILIBRAGE**  
[72] HARTWIG, JAMES J., US  
[71] MAYTAG CORPORATION, US  
[22] 2004-01-19  
[41] 2004-08-03  
[30] US (10/357,683) 2003-02-03

---

[21] **2,456,337**  
[13] A1

[51] **Int.Cl. 7B28B 7/00 7E01C 9/00 7E04C 1/00 7E01C 5/06**  
[25] EN  
[54] **REUSABLE MOLD AND METHOD FOR USING SAME**  
[54] **MOULE REUTILISABLE ET METHODE D'UTILISATION**  
[72] LAROCQUE, DANIEL, CA  
[71] LAROCQUE, DANIEL, CA  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (60/445,434) 2003-02-07

---

[21] **2,456,342**  
[13] A1

[51] **Int.Cl. 7G01N 33/52 7G01N 33/50 7G01N 21/64 7G01N 33/66**  
[25] EN  
[54] **FLUORIMETRIC DETERMINATION OF ANALYTES BY AMINE-N-OXIDES AS REDOX INDICATORS**  
[54] **DOSAGE FLUORIMETRIQUE D'ECHANTILLONS BASE SUR L'UTILISATION D'AMINO-N-OXYDES COMME INDICATEURS D'OXYDOREDUCTION**  
[72] HOENES, JOACHIM, DE  
[72] HORN, CARINA, DE  
[72] SPINKE, JUERGEN, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2004-01-28  
[41] 2004-08-04  
[30] DE (103 04 448.5) 2003-02-04

---

---

[21] **2,456,357**  
[13] A1

[51] **Int.Cl. 7A61M 1/36**  
[25] EN  
[54] **A METHOD AND MACHINE FOR TAKING BIOLOGICAL FLUID TO WHICH A SOLUTION IS ADDED IN ACCORDANCE WITH A DESIRED RATIO**  
[54] **METHODE ET DISPOSITIF D'ECHANTILLONNAGE D'UN LIQUIDE BIOLOGIQUE AUQUEL UNE SOLUTION EST AJOUTEE AFIN DE MAINTENIR UNE CONCENTRATION DONNEE**  
[72] VERPOORT, THIERRY, FR  
[72] GOUDALIEZ, FRANCIS, FR  
[72] BEHAGUE, MAURICE, FR  
[71] MACO PHARMA, FR  
[22] 2004-01-27  
[41] 2004-08-03  
[30] FR (0301195) 2003-02-03

---

[21] **2,456,365**  
[13] A1

[51] **Int.Cl. 7A61B 17/68 7A61F 2/32 7A61B 17/72 7A61B 17/74**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING FEMORAL FRACTURES**  
[54] **METHODE ET DISPOSITIF POUR LIMITER LES FRACTURES DU FEMUR**  
[72] SISK, BILLY N., US  
[72] LIBERTI, MICHAEL A., US  
[72] BRYANT, MARK A., US  
[72] PACELLI, NICOLAS J., US  
[72] THELAN, SARAH L., US  
[72] LOZIER, ANTONY J., US  
[72] JENNINGS, JACK D., US  
[71] ZIMMER TECHNOLOGY, INC., US  
[22] 2004-01-27  
[41] 2004-08-04  
[30] US (10/358,009) 2003-02-04

---

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,456,405**  
[13] A1

[51] **Int.Cl. 7G01R 31/36 7H01M 8/24**  
[25] EN  
[54] **OPERATION STATE DETERMINING APPARATUS AND METHOD FOR FUEL CELL**  
[54] **APPAREIL ET METHODE DE DETERMINATION DE L'ETAT DE FONCTIONNEMENT D'UNE PILE A COMBUSTIBLE**  
[72] KONDO, MASAOKI, JP  
[72] ORIHASHI, NOBUYUKI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2004-01-29  
[41] 2004-08-05  
[30] JP (2003-028493) 2003-02-05

---

[21] **2,456,407**  
[13] A1

[51] **Int.Cl. 7F25D 17/06 7F25D 23/06**  
[25] EN  
[54] **VENTILATION ELEMENT FOR A COOLER**  
[54] **ELEMENT DE VENTILATION POUR REFROIDISSEUR**  
[72] MARTENS, RALF, DE  
[71] POLYSIUS AG, DE  
[22] 2004-01-29  
[41] 2004-08-07  
[30] DE (103 05 113.9) 2003-02-07

---

[21] **2,456,412**  
[13] A1

[51] **Int.Cl. 7D06F 39/02**  
[25] EN  
[54] **A LAUNDRY WASHING MACHINE, IN PARTICULAR A FRONT LOADING WASHING MACHINE, WITH A DISPENSER OF WASHING AGENTS**  
[54] **LAVEUSE, EN PARTICULIER LA LAVEUSE A CHARGEMENT FRONTAL, AVEC DISTRIBUTEUR DE PRODUITS DE LAVAGE**  
[72] BONGINI, DINO, IT  
[71] MERLONI ELETTRODOMESTICI S.P.A., IT  
[22] 2004-01-28  
[41] 2004-08-04  
[30] IT (TO2003A000066) 2003-02-04

---

---

[21] **2,456,428**  
[13] A1

[51] **Int.Cl. 7H04R 3/00**  
[25] EN  
[54] **CONTROL DEVICE FOR AN AUDIO COMMUNICATION SYSTEM**  
[54] **DISPOSITIF DE COMMANDE POUR SYSTEME DE COMMUNICATIONS AUDIO**  
[72] WISSINGER, WAYNE ELLSWORTH, US  
[72] FLETCHER, BRIAN STEWART, US  
[71] MACK TRUCKS, INC., US  
[22] 2004-02-03  
[41] 2004-08-07  
[30] US (10/359,542) 2003-02-07

---

[21] **2,456,461**  
[13] A1

[51] **Int.Cl. 7B65D 83/08 7B65D 65/02 7A47K 13/24**  
[25] EN  
[54] **PACKAGE FOR TOILET SEAT COVERS**  
[54] **EMBALLAGE POUR COUVRE-SIEGE DE TOILETTE**  
[72] MENCKE, LLOYDE, US  
[72] LENHARD, MITCHEL, US  
[71] THE TRANZONIC COMPANIES, US  
[22] 2004-01-29  
[41] 2004-08-04  
[30] US (60/444,852) 2003-02-04

---

[21] **2,456,472**  
[13] A1

[51] **Int.Cl. 7F42B 3/00**  
[25] EN  
[54] **MODULAR EXPLOSIVES CARTRIDGE AND NOVEL SPIDER CONSTRUCTION**  
[54] **CARTOUCHE EXPLOSIVE MODULAIRE ET NOUVELLE ARMATURE EN ARAIGNEE**  
[72] JOHNSON, RICHARD JOHN, AU  
[71] JOHNSON HI-TECH (AUSTRALIA) PTY LTD, AU  
[22] 2004-02-03  
[41] 2004-08-03  
[30] AU (2003900435) 2003-02-03

---

---

[21] **2,456,476**  
[13] A1

[51] **Int.Cl. 7A42B 3/22**  
[25] EN  
[54] **HELMET FACE SHIELD**  
[54] **VISIERE DE CASQUE**  
[72] DOUGLAS, THOMAS D.A., CA  
[71] SPORT-SIGHT-INNOVATIONS INC., CA  
[22] 2004-02-03  
[41] 2004-08-03  
[30] US (60/444,189) 2003-02-03

---

[21] **2,456,483**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12P 13/12 7C12N 1/14 7C12N 1/20**  
[25] EN  
[54] **METHOD FOR FERMENTATIVE PRODUCTION OF L-METHIONINE**  
[54] **METHODE DE PRODUCTION DE L-METHIONINE PAR FERMENTATION**  
[72] MAIER, THOMAS, DE  
[72] WINTERHALTER, CHRISTOPH, DE  
[72] PFEIFFER, KERSTIN, DE  
[71] CONSORTIUM FUER ELEKTROCHEMISCHE INDUSTRIE GMBH, DE  
[22] 2004-01-30  
[41] 2004-08-06  
[30] DE (103 05 774.9) 2003-02-06

---

[21] **2,456,491**  
[13] A1

[51] **Int.Cl. 7C10G 29/10 7C10G 19/04**  
[25] EN  
[54] **IMPROVED PROCESS FOR REMOVING ELEMENTAL SULFUR FROM PIPELINE-TRANSPORTED REFINED HYDROCARBON FUELS**  
[54] **METHODE AMELIOREE D'EXTRACTION DU SOUFRE ELEMENTAIRE PRESENT DANS DES COMBUSTIBLES A BASE D'HYDROCARBURES RAFFINES TRANSPORTES DANS DES PIPELINES**  
[72] LAWLOR, LAWRENCE J., CA  
[72] FEIMER, JOSEPH LOUIS, CA  
[71] IMPERIAL OIL, CA  
[22] 2004-02-03  
[41] 2004-08-04  
[30] US (60/444,809) 2003-02-04

---

**Demandes canadiennes mises à la disponibilité du public**  
**1 août 2004 au 7 août 2004**

---

[21] **2,456,492**  
[13] A1

[51] **Int.Cl. 7A47K 10/24**  
[25] EN  
[54] **LOW RESERVE INDICATOR FOR A PAPER TOWEL DISPENSER**  
[54] **INDICATEUR DE REMPLISSAGE POUR DISTRIBUTEUR D'ESSUIE-TOUT**  
[72] KERSHAW, THOMAS N., US  
[72] MOODY, JOHN R., US  
[72] BUDZ, GREGORY D., US  
[71] FORT JAMES CORPORATION, US  
[22] 2004-01-30  
[41] 2004-08-06  
[30] US (10/359,168) 2003-02-06

---

[21] **2,456,497**  
[13] A1

[51] **Int.Cl. 7B01J 23/70 7C01B 3/02 7C01B 3/38**  
[25] EN  
[54] **CATALYTIC SYSTEM AND PROCESS FOR THE PRODUCTION OF HYDROGEN**  
[54] **SYSTEME CATALYTIQUE DE PRODUCTION D'HYDROGENE**  
[72] CORNARO, UGO, IT  
[72] SANFILIPPO, DOMENICO, IT  
[71] SNAMPROGETTI S.P.A., IT  
[71] ENI S.P.A., IT  
[22] 2004-01-30  
[41] 2004-08-05  
[30] IT (MI2003A 000192) 2003-02-05

---

[21] **2,456,511**  
[13] A1

[51] **Int.Cl. 7G01N 35/02 7B01L 9/00 7B01L 11/00 7C12M 1/00 7G06F 17/40**  
[25] EN  
[54] **CLIMATIC CABINET AND DEVICE AND METHOD FOR ITS MONITORING**  
[54] **ARMOIRE CLIMATIQUE ET DISPOSITIF ET METHODE DE CONTROLE**  
[72] MELCHING, ACHIM, DE  
[72] BETZ, STEFAN, DE  
[72] DICK, THORSTEN, DE  
[72] REINHARDT, HEIKO, DE  
[71] KENDRO LABORATORY PRODUCTS GMBH, DE  
[22] 2004-01-30  
[41] 2004-08-02  
[30] DE (10304171.0) 2003-02-02

---

---

[21] **2,456,518**  
[13] A1

[51] **Int.Cl. 7C07F 19/00 7C07F 15/00 7C08F 2/00 7C08F 10/00 7C08J 5/00 7C08F 10/02 7C07F 15/04 7C08F 4/42 7C08F 4/44 7C08F 4/60 7C08F 4/602 7C08F 4/642 7C08F 4/70 7C08F 4/80**  
[25] EN  
[54] **MONOMETALLIC AZO COMPLEXES OF LATE TRANSITION METALS FOR THE POLYMERIZATION OF OLEFINS**  
[54] **COMPLEXES AZOIQUES MONOMETALLIQUES A BASE DE METAUX A ETAT DE TRANSITION TARDIF UTILISES POUR LA POLYMERISATION D'OLEFINES**  
[72] WEISS, THOMAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2004-01-30  
[41] 2004-08-03  
[30] DE (10304158.3) 2003-02-03

---

[21] **2,456,589**  
[13] A1

[51] **Int.Cl. 7F02C 7/12**  
[25] EN  
[54] **VENTILATION DEVICE FOR A HIGH PRESSURE TURBINE ROTOR OF A TURBOMACHINE**  
[54] **DISPOSITIF DE VENTILATION POUR ROTOR DE TURBINE HAUTE PRESSION DE TURBOMACHINE**  
[72] JUDET, MAURICE GUY, FR  
[72] TAILLANT, JEAN-CLAUDE, FR  
[72] ROSSI, PATRICK, FR  
[71] SNECMA MOTEURS, FR  
[22] 2004-02-02  
[41] 2004-08-06  
[30] FR (03 01391) 2003-02-06

---

---

[21] **2,456,596**  
[13] A1

[51] **Int.Cl. 7G01V 1/30**  
[25] FR  
[54] **METHOD POUR MESURER LES SIMILARITES LOCALES ENTRE PLUSIEURS CUBES DE TRACES SISMIQUES**  
[54] **METHOD FOR MEASURING THE LOCAL SIMILARITIES BETWEEN SEVERAL WAVEFORM DATA CUBES**  
[72] VOUTAY, OLIVIER, FR  
[72] FOURNIER, FREDERIQUE, FR  
[72] ROYER, JEAN-JACQUES, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2004-02-02  
[41] 2004-08-04  
[30] FR (03/01.291) 2003-02-04

---

[21] **2,456,602**  
[13] A1

[51] **Int.Cl. 7A61F 2/32 7A61G 13/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING A MINIMALLY INVASIVE TOTAL HIP ARTHROPLASTY**  
[54] **METHODE ET APPAREIL PERMETTANT D'EXECUTER L'ARTHROPLASTIE TOTALE DE LA HANCHE AVEC EFFRACTION MINIMALE**  
[72] SHERMAN, G. SCOTT, US  
[72] MEARS, DANA, US  
[72] KREBS, ROBERT D., US  
[72] ACKER, DEAN M.J., US  
[71] MEARS, DANA, US  
[71] ZIMMER TECHNOLOGY, INC., US  
[22] 2004-01-28  
[41] 2004-08-04  
[30] US (10/357,948) 2003-02-04

---

[21] **2,456,605**  
[13] A1

[51] **Int.Cl. 7B65D 33/25**  
[25] EN  
[54] **RECLOSABLE ZIPPER AND BAG EMPLOYING SAME**  
[54] **FERMETURE A GLISSIERE ET SAC MUNI DE CETTE FERMETURE**  
[72] SHAFFER, GREGORY R., US  
[71] EATON CORPORATION, US  
[22] 2004-02-02  
[41] 2004-08-04  
[30] US (10/357,838) 2003-02-04

---

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,456,612**  
[13] A1

[51] **Int.Cl. 7A63B 53/00**  
[25] EN  
[54] **GOLF CLUB WITH HOSEL  
CAVITY WEIGHT**  
[54] **BATON DE GOLF AVEC POIDS  
POUR CAVITE DE COL**  
[72] SANCHEZ, RICHARD R., US  
[72] SOLHEIM, JOHN A., US  
[71] KARSTEN MANUFACTURING  
CORPORATION, US  
[22] 2004-02-02  
[41] 2004-08-03  
[30] US (10/357,624) 2003-02-03

---

[21] **2,456,613**  
[13] A1

[51] **Int.Cl. 7A61B 19/00 7A61B 17/32  
7A61F 2/46**  
[25] EN  
[54] **APPARATUS FOR ALIGNING AN  
INSTRUMENT DURING A SURGICAL  
PROCEDURE**  
[54] **DISPOSITIF D'ALIGNEMENT  
D'UN INSTRUMENT PENDANT UNE  
INTERVENTION CHIRURGICALE**  
[72] RUBER, JENS, DE  
[72] CUSICK, MICHAEL J., US  
[71] HOWMEDICA OSTEONICS CORP.,  
US  
[22] 2004-02-02  
[41] 2004-08-04  
[30] US (60/444,891) 2003-02-04

---

[21] **2,456,618**  
[13] A1

[51] **Int.Cl. 7A47G 25/14 7A47F 7/19**  
[25] EN  
[54] **GARMENT HANGER**  
[54] **CINTRE**  
[72] GOLDMAN, STUART, US  
[71] UNIPLAST INDUSTRIES, INC., US  
[22] 2004-02-02  
[41] 2004-08-05  
[30] US (10/358,580) 2003-02-05

---

---

[21] **2,456,627**  
[13] A1

[51] **Int.Cl. 7B66B 5/06**  
[25] EN  
[54] **SAFETY DEVICE FOR A LIFT**  
[54] **DISPOSITIF DE SECURITE POUR  
MACHINE DE LEVAGE**  
[72] MAURY, JULIEN, FR  
[71] INVENTIO AG, CH  
[22] 2004-02-02  
[41] 2004-08-04  
[30] EP (03 405057.5) 2003-02-04

---

[21] **2,456,628**  
[13] A1

[51] **Int.Cl. 7F01D 5/18 7F01D 25/12**  
[25] EN  
[54] **MICROCIRCUIT COOLING FOR A  
TURBINE BLADE TIP**  
[54] **REFROIDISSEMENT A  
MICROCIRCUIT POUR EXTREMITES  
D'AUBES DE TURBINE**  
[72] CUNHA, J. FRANK, US  
[72] DUBLE, P. BRYAN, US  
[71] UNITED TECHNOLOGIES  
CORPORATION, US  
[22] 2004-02-02  
[41] 2004-08-05  
[30] US (10/358,646) 2003-02-05

---

[21] **2,456,636**  
[13] A1

[51] **Int.Cl. 7F25D 23/00**  
[25] EN  
[54] **MULLION SHELF ASSEMBLY**  
[54] **TABLETTE A MENEAU**  
[72] FANN, BILLIE RAY, US  
[71] VIKING RANGE CORPORATION, US  
[22] 2004-02-02  
[41] 2004-08-07  
[30] US (10/361,073) 2003-02-07

---

[21] **2,456,638**  
[13] A1

[51] **Int.Cl. 7A47B 73/00 7A47F 5/14**  
[25] EN  
[54] **AJUSTABLE WINE RACK**  
[54] **PORTE-BOUTEILLES DE VIN  
REGLABLE**  
[72] FANN, BILLIE RAY, US  
[72] NILSSEN, RAY, US  
[72] WESEMANN, MARTIN, US  
[72] HARRIS, KIM, US  
[71] VIKING RANGE CORPORATION, US  
[22] 2004-02-02  
[41] 2004-08-03  
[30] US (10/357,236) 2003-02-03

---

---

[21] **2,456,647**  
[13] A1

[51] **Int.Cl. 7H01H 83/00 7H01R 13/713**  
[25] EN  
[54] **CIRCUIT INTERRUPTING DEVICE  
LINE LOAD REVERSAL SENSING  
SYSTEM**  
[54] **SYSTEME DE DETECTION  
D'INVERSION DE CHARGE DE LIGNE  
D'UN DISPOSITIF D'INTERRUPTION  
DE CIRCUIT**  
[72] CHAN, DAVID Y., US  
[72] GERSHEN, BERNARD J., US  
[71] LEVITON MANUFACTURING CO.,  
INC., US  
[22] 2004-02-02  
[41] 2004-08-03  
[30] US (60/444,473) 2003-02-03  
[30] US (10/761,292) 2004-01-22

---

[21] **2,456,651**  
[13] A1

[51] **Int.Cl. 7E04H 5/00 7B65D 88/00**  
[25] EN  
[54] **METHOD OF TRANSFORMING A  
CLOSED LANDFILL OR REMEDIAL  
SITE INTO A SELF-STORAGE  
FACILITY**  
[54] **METHODE DE  
TRANSFORMATION DE SITES  
D'ENFOUISSEMENT OU DE  
REMPLISSAGE FERMES EN  
INSTALLATIONS D'AUTO-  
ENTREPOSAGE**  
[72] DZIERZBICKI, THADDEUS S., US  
[71] DZIERZBICKI, THADDEUS S., US  
[22] 2004-01-27  
[41] 2004-08-04  
[30] US (10/358,524) 2003-02-04

---

[21] **2,456,656**  
[13] A1

[51] **Int.Cl. 7A01D 69/00 7A01D 67/00**  
[25] EN  
[54] **TOWER AND WHEEL ARM  
ASSEMBLY**  
[54] **ENSEMBLE SUPPORT  
D'ARTICULATION ET BRAS DE ROUE**  
[72] ROYER, ANTHONY SCOTT, US  
[72] MOSDAL, BRIAN THOMAS, US  
[72] GOINS, GARRETT LEE, US  
[72] STEINLAGE, DAVID LEE, US  
[72] PAYNE, DAVID ALAN, US  
[72] NOONAN, JAMES THOMAS, US  
[71] DEERE & COMPANY, US  
[22] 2004-02-02  
[41] 2004-08-06  
[30] US (10/361,723) 2003-02-06

---

**Demandes canadiennes mises à la disponibilité du public**  
**1 août 2004 au 7 août 2004**

---

[21] **2,456,663**  
[13] A1

[51] **Int.Cl. 7F16D 65/21**  
[25] FR  
[54] **FREIN ELECTROMECHANIQUE A DISPOSITIF DE PARC**  
[54] **ELECTROMECHANICAL BRAKE WITH PARK DEVICE**  
[72] GUARALDO, DENIS, FR  
[71] MESSIER-BUGATTI, FR  
[22] 2004-02-03  
[41] 2004-08-07  
[30] FR (0301456) 2003-02-07

---

[21] **2,456,668**  
[13] A1

[51] **Int.Cl. 7C09J 123/10 7C09J 7/02 7C09J 123/04 7C08L 23/04 7B32B 15/08 7C08L 23/10 7B32B 7/12 7C08J 5/12 7C08J 5/18 7B65D 65/40**  
[25] FR  
[54] **FILM MULTICOUCHE METALLISE**  
[54] **METALLIC MULTILAYER FILM**  
[72] ROBERT, PATRICE, FR  
[72] LEDU, YVES, FR  
[72] TECK SANG, SIAW, ML  
[71] ATOFINA, FR  
[22] 2004-02-06  
[41] 2004-08-07  
[30] FR (0301 458) 2003-02-07

---

[21] **2,456,686**  
[13] A1

[51] **Int.Cl. 7B65D 19/26 7B65D 85/48**  
[25] EN  
[54] **TRANSPORTABLE RACK**  
[54] **SUPPORT TRANSPORTABLE**  
[72] SMIDLER, FRANCIS STEVEN, US  
[72] KUNKEL, DAVID PHILLIP, US  
[72] JAROSINSKI, STEVE JON, US  
[72] WEISS, MICHAEL W., US  
[72] KNOLL, PAUL, US  
[71] SCHNEIDER NATIONAL, INC., US  
[22] 2004-02-03  
[41] 2004-08-05  
[30] US (10/358,869) 2003-02-05

---

---

[21] **2,456,695**  
[13] A1

[51] **Int.Cl. 7G01N 33/50 7G01N 33/53 7G01N 33/72**  
[25] EN  
[54] **ANALYTICAL TEST ELEMENT AND METHOD FOR BLOOD ANALYSES**  
[54] **ELEMENT DE TEST DIAGNOSTIQUE ET METHODE POUR ANALYSES DU SANG**  
[72] BOGARDI, JEAN-PHILIPPE, DE  
[72] MANGOLD, DIETER, DE  
[72] NOETZEL, SIEGFRIED, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2004-02-03  
[41] 2004-08-07  
[30] DE (103 05 050.7) 2003-02-07

---

[21] **2,456,745**  
[13] A1

[51] **Int.Cl. 7H01M 2/02**  
[25] EN  
[54] **ANODE CAN FOR BATTERY AND MANUFACTURING METHOD THEREOF**  
[54] **ENVELOPPE ANODIQUE DE PILE ET METHODE DE FABRICATION CONNEXE**  
[72] ISHIZAKI, MORIO, JP  
[71] ISHIZAKI PRESS KOGYO CO., LTD., JP  
[22] 2004-01-30  
[41] 2004-08-04  
[30] JP (2003-27054) 2003-02-04

---

[21] **2,456,747**  
[13] A1

[51] **Int.Cl. 7A01D 63/00**  
[25] EN  
[54] **CROP DIVIDER**  
[54] **SEPARATEUR DE TIGES POUR MACHINES DE RECOLTE**  
[72] WEICHHOLDT, DIRK, FR  
[71] DEERE & COMPANY, US  
[22] 2004-01-30  
[41] 2004-08-01  
[30] DE (103 03 990.2) 2003-02-01

---

---

[21] **2,456,770**  
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/02 7H01M 2/14**  
[25] EN  
[54] **FUEL CELL**  
[54] **PILE A COMBUSTIBLE**  
[72] KUWAYAMA, TAKASHI, JP  
[72] SUGITA, NARUTOSHI, JP  
[72] TANAKA, HIROYUKI, JP  
[72] SUZUKI, RYUGO, JP  
[72] SUGIURA, SEIJI, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2004-02-03  
[41] 2004-08-04  
[30] JP (2003-27661) 2003-02-04

---

[21] **2,456,784**  
[13] A1

[51] **Int.Cl. 7H05B 37/00**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT AND METHOD FOR AN ILLUMINATION DEVICE HAVING SETTABLE COLOR AND BRIGHTNESS**  
[54] **MONTAGE DE CIRCUIT ET METHODE CONNEXE POUR DISPOSITIF D'ECLAIRAGE MUNI DE MECANISMES DE REGLAGE DE LA COULEUR ET DE LA LUMINOSITE**  
[72] BOULOUEDNINE, MOURAD, DE  
[72] FALLER, ALEXANDER, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2004-02-03  
[41] 2004-08-06  
[30] DE (10304875.8) 2003-02-06

---

[21] **2,456,788**  
[13] A1

[51] **Int.Cl. 7G08G 1/0962 7G01C 21/34**  
[25] EN  
[54] **VEHICLE NAVIGATION SYSTEM**  
[54] **SYSTEME DE NAVIGATION POUR VEHICULE**  
[72] KOUCHIYAMA, SATOSHI, JP  
[71] DENSO CORPORATION, JP  
[22] 2004-02-03  
[41] 2004-08-04  
[30] JP (2003-27129) 2003-02-04

---

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

[21] **2,456,793**  
[13] A1

[51] **Int.Cl. 7C08L 1/26 7C04B 26/22  
7C09J 101/26**  
[25] EN  
[54] **CELLULOSE ETHER BLENDS OF INCREASED BULK DENSITY, THEIR USE IN CONSTRUCTION MATERIAL SYSTEMS, AND A PROCESS FOR PRODUCING CELLULOSE ETHER BLENDS OF INCREASED BULK DENSITY**  
[54] **MELANGES D'ETHER DE CELLULOSE AYANT UNE MASSE VOLUMIQUE APPARENTE ACCRUE, UTILISATION DESDITS MELANGES DANS DES MATERIAUX DE CONSTRUCTION, ET METHODE DE PRODUCTION DE MELANGES D'ETHER DE CELLULOSE AYANT UNE MASSE VOLUMIQUE APPARENTE ACCRUE**  
[72] SCHLESIGER, HARTWIG, DE  
[72] WEBER, GUNTER, DE  
[72] KLOHR, ERIK-ANDREAS, DE  
[72] KULL, ARNE-HENNING, DE  
[72] DANNHORN, WOLFGANG, DE  
[72] JUHL, HANS-JUERGEN, DE  
[72] WOLBERS, PETER, DE  
[71] WOLFF CELLULOSICS GMBH & CO. KG, DE  
[22] 2004-02-03  
[41] 2004-08-06  
[30] DE (10304816.2) 2003-02-06

[21] **2,456,800**  
[13] A1

[51] **Int.Cl. 7F04D 25/08**  
[25] EN  
[54] **CEILING FAN**  
[54] **VENTILATEUR DE PLAFOND**  
[72] BURNS, JAMES P., US  
[72] CORTEZ, EDWARD E., US  
[72] SZLACHTOWSKI, PATRICK D., US  
[71] HUNTER FAN COMPANY, US  
[22] 2004-02-03  
[41] 2004-08-04  
[30] US (10/357,831) 2003-02-04

[21] **2,456,803**  
[13] A1

[51] **Int.Cl. 7A47K 10/42 7A47K 10/24**  
[25] EN  
[54] **QUICK RELEASE BASE AND MOUNTING BRACKET FOR NAPKIN DISPENSER**  
[54] **BASE ET FERRURE DE MONTAGE RAPIDE POUR DISTRIBUTRICE DE SERVIETTES DE TABLE**  
[72] SEARS, CHARLES W., US  
[72] JACOBS, WILLIAM J., US  
[72] FITZSIMMONS, WILLIAM T., US  
[71] FORT JAMES CORPORATION, US  
[22] 2004-02-03  
[41] 2004-08-04  
[30] US (10/357,781) 2003-02-04  
[30] US (10/713,954) 2003-11-14

[21] **2,456,812**  
[13] A1

[51] **Int.Cl. 7E21B 21/08 7E21B 47/12**  
[25] EN  
[54] **PRESSURE PULSE GENERATOR FOR DOWNHOLE TOOL**  
[54] **GENERATEUR D'IMPULSIONS DE PRESSION POUR OUTIL DE PUIT**  
[72] GOMEZ, STEVE R., US  
[72] RELLINGER, PETER, US  
[72] LAVRUT, ERIC, FR  
[72] KANTE, ADAME, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2004-02-04  
[41] 2004-08-07  
[30] US (10/248,673) 2003-02-07

[21] **2,456,823**  
[13] A1

[51] **Int.Cl. 7C22C 19/03**  
[25] EN  
[54] **CA-MM-NI BASED HYDROGEN STORAGE ALLOYS**  
[54] **ALLIAGES DE STOCKAGE D'HYDROGENE A BASE DE CA-MM-NI (MM = MISCHMETAL)**  
[72] LIANG, GUOXIAN, CA  
[72] SCHULZ, ROBERT, CA  
[71] HERA, HYDROGEN STORAGE SYSTEMS INC., CA  
[22] 2004-02-04  
[41] 2004-08-04  
[30] CA (2,418,332) 2003-02-04

[21] **2,456,826**  
[13] A1

[51] **Int.Cl. 7A23L 1/24**  
[25] EN  
[54] **SOY PROTEIN AS AN EMULSIFIER FOR STARCH-BASED SALAD DRESSING**  
[54] **PROTEINE DE SOJA COMME EMULSIFIANT POUR VINAIGRETTE A BASE D'AMIDON**  
[72] GRANT, REYNELL, US  
[72] GAO, SONG, US  
[72] SHOWERS, PERNELL, US  
[72] CHEN, WEN-SHERNG, US  
[72] DOHERTY, ADEDAYO OLADIPO, US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2004-02-04  
[41] 2004-08-05  
[30] US (10/358,912) 2003-02-05

[21] **2,456,844**  
[13] A1

[51] **Int.Cl. 7A61G 7/015 7A61G 7/002  
7A61G 7/005 7A61G 7/018 7A47C 20/08**  
[25] EN  
[54] **ARTICULATING BED FRAME**  
[54] **CHALIT ARTICULE**  
[72] TEKULVE, DANIEL R., US  
[71] TEKULVE, DANIEL R., US  
[22] 2004-02-04  
[41] 2004-08-05  
[30] US (10/359,087) 2003-02-05

[21] **2,456,845**  
[13] A1

[51] **Int.Cl. 7A61M 25/01 7A61N 5/00**  
[25] EN  
[54] **SENSING DEVICE**  
[54] **DISPOSITIF DE DETECTION**  
[72] VISSCHER, ARIE LUIITE, NL  
[72] HENNING, JOHANN, NL  
[71] NUCLETRON B.V., NL  
[22] 2004-02-04  
[41] 2004-08-05  
[30] EP (03075341.2) 2003-02-05

**Demandes canadiennes mises à la disponibilité du public**  
**1 août 2004 au 7 août 2004**

---

[21] **2,456,850**  
[13] A1

[51] **Int.Cl. 7H05B 3/10 7H05K 1/00 7H05B 3/54**  
[25] EN  
[54] **FLEXIBLE HEATER FOR HEATING ELECTRICAL COMPONENTS IN OPERATOR CONTROL HANDLE**  
[54] **RECHAUFFEUR SOUPLE DE COMPOSANTS ELECTRIQUES DANS POIGNEE DE COMMANDE D'OPERATEUR**  
[72] NORTON, DAVID G., US  
[72] KUSS, JEFFREY J., US  
[71] THE RAYMOND CORPORATION, US  
[22] 2004-02-04  
[41] 2004-08-06  
[30] US (10/360,703) 2003-02-06

---

[21] **2,456,874**  
[13] A1

[51] **Int.Cl. 7F16B 5/02 7F16B 12/14 7E04C 5/18 7E04B 1/38**  
[25] EN  
[54] **STONE PANEL CONNECTOR**  
[54] **RACCORD DE PANNEAUX DE PIERRE**  
[72] GIEBELHAUS, KIM, CA  
[72] NICKEL, MIKE, CA  
[72] NICKEL, RICHARD N., CA  
[71] NICKEL, MIKE, CA  
[71] NICKEL, RICHARD N., CA  
[22] 2004-02-02  
[41] 2004-08-03  
[30] US (10/248,640) 2003-02-03

---

[21] **2,456,877**  
[13] A1

[51] **Int.Cl. 7F16H 15/48**  
[25] EN  
[54] **GEARED SEGMENTS WITH VARIABLE GEAR RATIO**  
[54] **SEGMENTS D'ENGRENAGES A RAPPORT D'ENGRENAGE VARIABLE**  
[72] MURIN, PETER, SK  
[71] MURIN, PETER, SK  
[22] 2004-02-04  
[41] 2004-08-05  
[30] SK (PUV 21-2003) 2003-02-05

---

---

[21] **2,456,880**  
[13] A1

[51] **Int.Cl. 7B60N 2/20 7B60N 2/015 7B60N 2/44**  
[25] EN  
[54] **AUTOMOTIVE SEAT ASSEMBLY HAVING A REAR LATCH LOCK-OUT AND SPRING ASSIST**  
[54] **SIEGE D'AUTOMOBILE AVEC VERROUILLAGE ARRIERE ET RESSORT ASSISTE**  
[72] FRAZIER, BRENT, US  
[72] LAVOIE, SCOTT, US  
[71] INTIER AUTOMOTIVE INC., CA  
[22] 2004-02-04  
[41] 2004-08-04  
[30] US (60/445,036) 2003-02-04

---

[21] **2,456,887**  
[13] A1

[51] **Int.Cl. 7B62D 55/24**  
[25] EN  
[54] **ENDLESS TRACK FOR A TRACK PROPELLED VEHICLE**  
[54] **CHENILLE POUR VEHICULE CHENILLE**  
[72] COURTEMANCHE, DENIS, CA  
[71] CAMOPLAST INC., CA  
[22] 2004-02-04  
[41] 2004-08-06  
[30] CA (2,418,556) 2003-02-06

---

[21] **2,456,890**  
[13] A1

[51] **Int.Cl. 7B66B 13/30 7A62C 3/00 7B66B 13/06**  
[25] EN  
[54] **LIFT SHAFT CLOSURE AND METHOD OF FULFILLING FIRE PROTECTION REQUIREMENTS OF A LIFT SHAFT CLOSURE AND OF MOUNTING THE SAME**  
[54] **DISPOSITIF D'OBTURATION POUR GAINÉ D'ASCENSEUR, METHODE DE PROTECTION CONTRE L'INCENDIE ET METHODE D'INSTALLATION**  
[72] STUDHALTER, ERNST, CH  
[71] INVENTIO AG, CH  
[22] 2004-02-04  
[41] 2004-08-06  
[30] EP (03 002 498.8) 2003-02-06

---

---

[21] **2,456,891**  
[13] A1

[51] **Int.Cl. 7B25J 9/02 7B05B 15/00 7B25J 17/02**  
[25] EN  
[54] **PAINTING ROBOT WITH IMPROVED WRIST CONDUIT**  
[54] **ROBOT DE PEINTURE AVEC CONDUIT DE POIGNET AMELIORE**  
[72] HEZEL, THOMAS, DE  
[72] HEIN, STEFFEN, DE  
[72] SOMMER, GEORG M., DE  
[71] BEHR SYSTEMS, INC., US  
[22] 2004-02-04  
[41] 2004-08-05  
[30] DE (103 04 652.6) 2003-02-05

---

[21] **2,456,895**  
[13] A1

[51] **Int.Cl. 7A61K 47/12 7A61M 37/00 7A61P 29/00 7A61P 25/16 7A61K 31/48 7A61K 31/485 7A61K 9/70**  
[25] EN  
[54] **TRANSDERMAL THERAPEUTIC DELIVERY SYSTEM WITH A BUTENOLIDE**  
[54] **DISPOSITIF D'ADMINISTRATION TRANSDERMIQUE D'AGENT THERAPEUTIQUE CONTENANT DU BUTENOLIDE**  
[72] SCHENK, DIRK, DE  
[72] MCLEOD, SARAH, DE  
[72] WOESS, ANGELIKA, DE  
[72] MEYER, ELISABETH, DE  
[71] NOVOSIS AG, DE  
[22] 2004-02-04  
[41] 2004-08-07  
[30] DE (103 05 137.6) 2003-02-07

---

[21] **2,456,896**  
[13] A1

[51] **Int.Cl. 7G08C 19/00 7G08C 17/02 7G08C 23/04**  
[25] EN  
[54] **COMPOSITE SENSOR FOR DOOR**  
[54] **DETECTEUR COMPOSITE POUR PORTE**  
[72] SASAKI, SHIGEAKI, JP  
[72] NISHIGAKI, KENJI, JP  
[72] KANDA, YASUTAKA, JP  
[71] NABCO LIMITED, JP  
[22] 2004-02-05  
[41] 2004-08-06  
[30] JP (2003-029343) 2003-02-06  
[30] JP (2003-140719) 2003-05-19

---

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

---

[21] **2,456,899**  
[13] A1

[51] **Int.Cl. 7E21B 17/07 7E21B 17/00**  
[25] EN  
[54] **TELESCOPABLE BORING ROD MECHANISM**  
[54] **MECANISME DE TIGE DE FORAGE TELESCOPIQUE**  
[72] WEIXLER, LEONHARD, DE  
[72] BAUER, SEBASTIAN, DE  
[71] BAUER MASCHINEN GMBH, DE  
[22] 2004-02-05  
[41] 2004-08-07  
[30] DE (DE 203 01 946.6) 2003-02-07

---

[21] **2,456,938**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **LINKING A MERCHANT ACCOUNT WITH A FINANCIAL CARD**  
[54] **ETABLISSEMENT D'UN LIEN ENTRE UN COMPTE DE COMMERCIANT ET UNE CARTE FINANCIERE**  
[72] WILKES, W. BRADLEY, US  
[71] PROPAY USA, INC., US  
[22] 2004-02-04  
[41] 2004-08-05  
[30] US (10/358,751) 2003-02-05

---

[21] **2,456,945**  
[13] A1

[51] **Int.Cl. 7G06F 1/26 7G06F 1/32 7G06F 9/44**  
[25] EN  
[54] **POWER MANAGEMENT SYSTEM AND METHOD FOR ELECTRONIC CIRCUITS**  
[54] **SYSTEME DE GESTION DE LA CONSOMMATION ET METHODE APPLICABLE AUX CIRCUITS ELECTRONIQUES**  
[72] HAMILTON, NEIL, CA  
[72] GAMAYUNOV, IGOR, CA  
[72] BORZA, MICHAEL, CA  
[71] ELLIPTIC SEMICONDUCTOR, CA  
[22] 2004-02-04  
[41] 2004-08-04  
[30] US (60/444,639) 2003-02-04

---

---

[21] **2,456,947**  
[13] A1

[51] **Int.Cl. 7E04D 1/26 7E04D 1/12**  
[25] EN  
[54] **STARTER STRIP SHINGLE AND ROOF HAVING SAME**  
[54] **BARDEAU DE BANDE DE DEPART ET COUVERTURE AINSI EQUIPEE**  
[72] KALKANOGLU, HUSNU M., US  
[72] KOCH, STEPHEN A., US  
[72] JENKINS, ROBERT L., US  
[71] CERTAINTED CORPORATION, US  
[22] 2004-02-04  
[41] 2004-08-05  
[30] US (10/358,698) 2003-02-05

---

[21] **2,456,995**  
[13] A1

[51] **Int.Cl. 7E05B 73/00 7G11B 33/04 7B65D 85/30**  
[25] EN  
[54] **LOCKABLE CONTAINER HAVING AN INTEGRAL AND INTERNAL LOCKING MECHANISM AND METHODS OF USE**  
[54] **CONTENANT VERROUILLABLE COMPRENANT UN MECANISME DE VERROUILLAGE INTEGRAL INTERNE, ET METHODES D'UTILISATION**  
[72] KEUNING, TIMOTHY J., US  
[72] KEUNG, KWONG KWOK, CN  
[72] LAX, MICHAEL R., US  
[72] LIBOHOVA, AGJAH I., US  
[71] AUTRONIC PLASTICS, INC., US  
[22] 2004-02-05  
[41] 2004-08-07  
[30] US (60/446,177) 2003-02-07  
[30] US (60/460,302) 2003-04-02  
[30] US (60/469,992) 2003-05-12  
[30] US (10/723,911) 2003-11-24

---

---

[21] **2,456,997**  
[13] A1

[51] **Int.Cl. 7A61B 17/16 7A61B 17/17**  
[25] EN  
[54] **TIBIAL TUBERCLE OSTEOTOMY FOR TOTAL KNEE ARTHROPLASTY AND INSTRUMENTS AND IMPLANTS THEREFOR**  
[54] **OSTEOTOMIE DU TUBERCULE TIBIAL DANS LE CADRE D'UNE ARTHROPLASTIE TOTALE DU GENOU ET INSTRUMENTS ET IMPLANTS CONNEXES**  
[72] GOBLE, E. MARLOWE, US  
[72] JUSTIN, DANIEL F., US  
[71] MEDICINELODGE, INC., US  
[22] 2004-02-05  
[41] 2004-08-06  
[30] US (10/360,250) 2003-02-06

---

[21] **2,457,004**  
[13] A1

[51] **Int.Cl. 7B62D 53/06 7B60S 9/02**  
[25] EN  
[54] **FRONT LOADING TRAILER AND METHOD OF USE**  
[54] **REMORQUE A CHARGEMENT FRONTAL ET METHODE D'UTILISATION**  
[72] SMITH, FRANCIS V., US  
[71] SMITH, FRANCIS V., US  
[22] 2004-02-05  
[41] 2004-08-05  
[30] US (US 60/444,867) 2003-02-05  
[30] US (US 60/458,042) 2003-03-28  
[30] US (US 60/461,795) 2003-04-11  
[30] US (US 60/467,132) 2003-05-02  
[30] US (US 10/688,917) 2003-10-21

---

[21] **2,457,005**  
[13] A1

[51] **Int.Cl. 7E04D 13/03 7E04D 13/14 7E04H 17/14 7E04G 1/26 7E04D 1/36**  
[25] EN  
[54] **ROOF SCUTTLE SAFETY RAILING SYSTEM**  
[54] **RAILS DE SECURITE POUR TRAPPE DE TOIT**  
[72] GLEASON, KENNETH R., US  
[72] GLEASON, JAMES G., US  
[72] BARKER, DONALD, US  
[72] JOYCE, ROGER F., US  
[71] THE BILCO COMPANY, US  
[22] 2004-02-05  
[41] 2004-08-06  
[30] US (10/359,938) 2003-02-06

---

**Demandes canadiennes mises à la disponibilité du public**  
**1 août 2004 au 7 août 2004**

---

[21] **2,457,078**  
[13] A1

[51] **Int.Cl. 7E21B 47/12 7E21B 19/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING WELLBORE EQUIPMENT**  
[54] **METHODE ET APPAREIL DE COMMANDE DE MATERIEL DE PUITES DE FORAGE**  
[72] KOITHAN, THOMAS, US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-02-05  
[41] 2004-08-06  
[30] US (10/360,547) 2003-02-06

---

[21] **2,457,105**  
[13] A1

[51] **Int.Cl. 7C12N 15/62 7A61K 48/00 7C07K 19/00 7A61P 7/04 7C07K 7/06 7C12N 15/12 7A61K 38/17 7A61K 38/37 7C12N 15/63 7A61K 31/7088 7C07K 14/755 7C07K 14/76**  
[25] EN  
[54] **PHARMACEUTICAL PREPARATION FOR THE IMPROVED TREATMENT OF BLOOD-CLOTING DISORDERS**  
[54] **PREPARATION PHARMACEUTIQUE AMELIORANT LE TRAITEMENT DE TROUBLES DE LA COAGULATION SANGUINE**  
[72] WEIMER, THOMAS, DE  
[72] HAUSER, HANS-PETER, DE  
[72] KRONTHALER, ULRICH, DE  
[71] AVENTIS BEHRING GMBH, DE  
[22] 2004-02-05  
[41] 2004-08-07  
[30] EP (03002598.5) 2003-02-07  
[30] EP (03004900.1) 2003-03-06

---

---

[21] **2,457,122**  
[13] A1

[51] **Int.Cl. 7F02B 77/02 7F02F 1/00 7F02F 1/24**  
[25] EN  
[54] **PLASMA COATING FOR CYLINDER LINER AND METHOD FOR APPLYING THE SAME**  
[54] **METALLISATION AU CHALUMEAU A PLASMA DE CHEMISE DE CYLINDRE, ET METHODE D'APPLICATION**  
[72] MUCKENHUBER, WOLFGANG, AT  
[72] PASCHINGER, FRIEDRICH, AT  
[72] HANS, REICH, AT  
[72] HOLZLEITNER, JOHANN, AT  
[71] BOMBARDIER-ROTAX GMBH & CO. KG., AT  
[22] 2004-02-09  
[41] 2004-08-07  
[30] US (60/445,460) 2003-02-07

---

[21] **2,457,157**  
[13] A1

[51] **Int.Cl. 7A47L 9/10**  
[25] EN  
[54] **EXHAUST FILTER ARRANGEMENT FOR VACUUM CLEANER HOUSING**  
[54] **FILTRE D'EVACUATION POUR BOITIER D'ASPIRATEUR**  
[72] STEIN, THOMAS, DE  
[71] STEIN, THOMAS, DE  
[22] 2004-02-06  
[41] 2004-08-07  
[30] DE (103 05 217.8) 2003-02-07

---

[21] **2,457,160**  
[13] A1

[51] **Int.Cl. 7E04F 21/00 7E04G 21/00**  
[25] EN  
[54] **MORTARBOARD**  
[54] **PLANCHE A MORTIER**  
[72] CARNEY, BRIAN P., US  
[71] CARNEY, BRIAN P., US  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (60/445,658) 2003-02-07

---

---

[21] **2,457,203**  
[13] A1

[51] **Int.Cl. 7B01D 53/24 7B04C 3/00 7B01D 53/26**  
[25] EN  
[54] **APPARATUS AND METHOD FOR THE REMOVAL OF MOISTURE AND MISTS FROM GAS FLOWS**  
[54] **APPAREIL ET METHODE POUR ENLEVER L'HUMIDITE ET LE BROUILLARD DES ECOULEMENTS GAZEUX**  
[72] MCKENZIE, JOHN R., CA  
[71] MCKENZIE, JOHN R., CA  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (60/445450) 2003-02-07

---

[21] **2,457,210**  
[13] A1

[51] **Int.Cl. 7A23L 1/304 7A23L 1/29**  
[25] EN  
[54] **ALKALI METAL BISULFATE TO ACIDIFY DIET OF INFANT OR EARLY STAGE ANIMAL**  
[54] **HYDROGENOSULFATE DE METAL ALCALIN UTILISE POUR ACIDIFIER LA DIETE DE NOURRISSONS D'ANIMAUX OU DE PETITS ANIMAUX EN BAS AGE**  
[72] MURPHY, BERNARD D., US  
[71] JONES-HAMILTON CO., US  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (60/445,984) 2003-02-07  
[30] US (10/744,196) 2004-02-06

---

[21] **2,457,216**  
[13] A1

[51] **Int.Cl. 7B62D 59/04 7B62D 53/06**  
[25] EN  
[54] **MOTORIZED SEMI-TRAILER**  
[54] **SEMI-REMORQUE MOTORISE**  
[72] LECLERC, GAETAN, CA  
[71] LECLERC, GAETAN, CA  
[22] 2004-02-06  
[41] 2004-08-07  
[30] CA (2,418,686) 2003-02-07

---

Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004

---

[21] **2,457,217**  
[13] A1  
[51] **Int.Cl. 7E21B 33/068 7E21B 23/00 7E21B 43/25**  
[25] EN  
[54] **CASING ADAPTER TOOL FOR WELL SERVICING**  
[54] **OUTIL DE REDUCTEUR DE TUBAGE POUR ENTRETIEN DE Puits**  
[72] MCGUIRE, BOB, US  
[72] FARQUHARSON, KEITH DAVID, CA  
[72] WHELAN, JOHN HENRY, US  
[72] KWASNIEWSKI, NATHAN, CA  
[71] STREAM-FLO INDUSTRIES LTD., CA  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (60/445,617) 2003-02-07

---

[21] **2,457,220**  
[13] A1  
[51] **Int.Cl. 7C12N 15/33 7C07K 14/005 7C07K 14/01 7A61P 31/04 7A61K 39/12 7A61K 38/16 7C07K 14/31 7C12N 15/34 7G01N 33/569 7A61K 35/76**  
[25] EN  
[54] **INHIBITORS OF STAPHYLOCOCCUS AUREUS PRIMARY SIGMA FACTOR AND USES THEREOF**  
[54] **INHIBITEURS DU FACTEUR SIGMA PRIMAIRE DE STAPHYLOCOCCUS AUREUS ET UTILISATIONS DE CEUX-CI**  
[72] MCCARTY, JOHN, US  
[72] PELLETIER, JERRY, CA  
[72] GROS, PHILIPPE, CA  
[72] DEHBI, MOHAMMED, CA  
[72] BERGERON, DOMINIQUE, CA  
[72] DUBOW, MICHAEL, FR  
[71] PHAGETECH INC., CA  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (60/445,441) 2003-02-07

---

[21] **2,457,231**  
[13] A1  
[51] **Int.Cl. 7D21H 27/02**  
[25] EN  
[54] **EMBOSSSED PAPER**  
[54] **PAPIER GAUFRE**  
[72] CASHMAN, SANDRA L., US  
[72] AYRES, CATHERINE, US  
[72] TIMS, J. MICHAEL, US  
[71] MEADWESTVACO CORPORATION, US  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (10/360,084) 2003-02-07

---

[21] **2,457,238**  
[13] A1  
[51] **Int.Cl. 7C09D 5/08 7C23F 11/00 7C23F 11/10**  
[25] EN  
[54] **COATING SYSTEMS HAVING AN ANTI-CORROSION LAYER AND A POWDER COATING LAYER**  
[54] **REVETEMENTS COMPRENANT UNE COUCHE ANTICORROSION ET UNE COUCHE DE REVETEMENT EN POWDRE**  
[72] GERMANO, VICTOR V., US  
[71] METAL COATINGS INTERNATIONAL INC., US  
[22] 2004-02-06  
[41] 2004-08-06  
[30] US (60/445,593) 2003-02-06

---

[21] **2,457,244**  
[13] A1  
[51] **Int.Cl. 7B65D 49/02 7B65D 47/36**  
[25] EN  
[54] **BEVERAGE CONTAINER WITH ONE-WAY VALVE ASSEMBLY**  
[54] **CONTENANT A BOISSON AVEC CLAPET ANTIRETOUR**  
[72] MIDDEN, WILLIAM E., US  
[72] BUNN, ARTHUR H., US  
[72] NYBAKKE, KEITH G., US  
[71] BUNN-O-MATIC CORPORATION, US  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (60/445,869) 2003-02-07

---

[21] **2,457,248**  
[13] A1  
[51] **Int.Cl. 7A61M 35/00 7A61L 24/04 7C09J 133/08 7C08J 5/12 7A61K 9/70**  
[25] EN  
[54] **APPLICATORS, DISPENSERS AND METHODS FOR DISPENSING AND APPLYING ADHESIVE MATERIAL**  
[54] **APPLICATEURS, DISTRIBUTEURS ET METHODES DE DISTRIBUTION ET D'APPLICATION DE MATERIAU ADHESIF**  
[72] COTTER, WILLIAM M., US  
[72] JONN, JERRY Y., US  
[72] HEDGPETH, DANIEL L., US  
[72] GOODMAN, JACK, US  
[72] QUINTERO, JULIAN A., US  
[71] CLOSURE MEDICAL CORPORATION, US  
[22] 2004-02-06  
[41] 2004-08-07  
[30] US (10/359,699) 2003-02-07  
[30] US (10/663,909) 2003-09-17

---

[21] **2,457,484**  
[13] A1  
[51] **Int.Cl. 7A61B 18/14 7A61B 17/28**  
[25] EN  
[54] **ELECTRO-SURGICAL BIPOLAR FORCEPS**  
[54] **PINCES BIPOLAIRES ELECTROCHIRURGICALES**  
[72] MULLIGAN, SHARON A., US  
[72] GUTELIUS, PATRICK, US  
[72] FERRIERA, DANIEL PAUL, US  
[72] BATTLES, CHRISTOPHER AUSTIN, US  
[72] STEVENS, RICHARD BARRY, US  
[72] DI CESARE, PAUL, US  
[72] COELHO, DONALD A., JR., US  
[72] BUONANNO, JOHN, US  
[71] CODMAN & SHURTLEFF, INC., US  
[22] 2004-02-05  
[41] 2004-08-06  
[30] US (10/359,495) 2003-02-06  
[30] US (10/457,176) 2003-06-09

---

[21] **2,457,505**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G09B 19/06**  
[25] EN  
[54] **INTERNET-BASED LANGUAGE ARCHIVING SYSTEM AND EDUCATION FACILITY**  
[54] **SYSTEME D'ARCHIVAGE LINGUISTIQUE ET D'ENSEIGNEMENT SUR INTERNET**  
[72] ELLIOT, JOHN EDWARD, CA  
[72] WADSWORTH, ALEXANDER PAUL, CA  
[72] BRAND, PETER, CA  
[71] FIRST PEOPLES' CULTURAL FOUNDATION, CA  
[22] 2004-02-05  
[41] 2004-08-05  
[30] CA (2,418,551) 2003-02-05

**Demandes canadiennes mises à la disponibilité du public  
1 août 2004 au 7 août 2004**

---

[21] **2,457,512**  
[13] A1

[51] **Int.Cl. 7H01H 71/24 7H01F 3/00  
7H01H 73/36**  
[25] EN  
[54] **MAGNETIC MEMBER, CIRCUIT  
BREAKER EMPLOYING THE SAME,  
AND METHOD OF MANUFACTURING  
THE SAME**  
[54] **ELEMENT MAGNETIQUE,  
DISJONCTEUR UTILISANT UN TEL  
ELEMENT ET METHODE DE  
FABRICATION CONNEXE**  
[72] WHIPPLE, MICHAEL J., US  
[72] LIAS, EDWARD E., US  
[71] EATON CORPORATION, US  
[22] 2004-02-05  
[41] 2004-08-05  
[30] US (10/359,037) 2003-02-05

---

[21] **2,457,957**  
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 11/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
IMPROVING THE EFFICIENCY,  
COMFORT, AND/OR RELIABILITY IN  
OPERATING SYSTEMS, SUCH AS FOR  
EXAMPLE WINDOWS**  
[54] **SYSTEME ET METHODE  
PERMETTANT D'AMELIORER  
L'EFFICACITE, LE CONFORT ET/OU  
LA FIABILITE DES SYSTEMES  
D'EXPLOITATION, PAR EXEMPLE  
WINDOWS**  
[72] MAYER, YARON, IL  
[71] MAYER, YARON, IL  
[22] 2004-01-06  
[41] 2004-08-07  
[30] IL (154349) 2003-02-07  
[30] US (60/464,171) 2003-04-14  
[30] CA (2,444,685) 2003-09-29

---

[21] **2,457,981**  
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 11/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
IMPROVING THE EFFICIENCY,  
COMFORT, AND/OR RELIABILITY IN  
OPERATING SYSTEMS, SUCH AS FOR  
EXAMPLE WINDOWS**  
[54] **SYSTEME ET METHODE  
PERMETTANT D'AMELIORER  
L'EFFICACITE, LE CONFORT ET/OU  
LA FIABILITE DES SYSTEMES  
D'EXPLOITATION, PAR EXEMPLE  
WINDOWS**  
[72] MAYER, YARON, IL  
[71] MAYER, YARON, IL  
[22] 2004-02-09  
[41] 2004-08-07  
[30] IL (154349) 2003-02-07  
[30] US (60/464,171) 2003-04-14  
[30] CA (2,444,685) 2003-09-29  
[30] CA (2,457,957) 2004-01-06

**Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

---

[21] **2,463,744**  
[13] A1

[51] **Int.Cl. 7F16B 37/04**  
[25] EN  
[54] **NUT PLATE**  
[54] **PLAQUE ECROU**  
[72] TOOSKY, RAHMATOLLAH F., US  
[71] TEXTRON INC., US  
[85] 2004-04-13  
[86] 2002-11-05 (PCT/US2002/035508)  
[87] 2003-05-22 (WO2003/042551)  
[30] US (60/345,105) 2001-11-09  
[30] US (10/272,721) 2002-10-17

---

[21] **2,464,348**  
[13] A1

[51] **Int.Cl. 7F16L 33/22 7F16L 47/00**  
**7A61M 39/10 7A61M 39/20**  
[25] EN  
[54] **BARB CLAMP**  
[54] **ENSEMBLE DE SERRAGE POUR CANNELURE**  
[72] WERTH, ALBERT A., US  
[71] TWIN BAY MEDICAL, INC., US  
[85] 2004-04-14  
[86] 2002-05-24 (PCT/US2002/016503)  
[87] 2003-01-23 (WO2003/006833)  
[30] US (60/304,014) 2001-07-09  
[30] US (60/334,918) 2001-10-31  
[30] US (60/337,363) 2001-12-05  
[30] US (10/100,519) 2002-03-18

---

[21] **2,464,487**  
[13] A1

[51] **Int.Cl. 7A61M 5/142 7A61M 5/155**  
**7A61M 5/46**  
[25] EN  
[54] **TRANSDERMAL TRANSPORT DEVICE WITH AN ELECTROLYTIC ACTUATOR**  
[54] **DISPOSITIF DE TRANSPORT TRANSCUTANE A ACTIONNEUR ELECTROLYTIQUE**  
[72] ANGEL, AIMEE B., US  
[72] MADDEN, PETER, US  
[72] HUNTER, IAN W., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2004-04-22  
[86] 2002-10-22 (PCT/US2002/033829)  
[87] 2003-05-08 (WO2003/037406)  
[30] US (60/338,425) 2001-10-26  
[30] US (60/399,489) 2002-07-29

---

[21] **2,465,860**  
[13] A1

[51] **Int.Cl. 7A61K 48/00 7A61M 15/00**  
**7A61L 27/28 7A61K 47/30 7A61K 9/50**  
**7A61K 31/7088 7A61K 31/7105 7A61K 9/72**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR THERAPEUTIC USE OF RNA INTERFERENCE**  
[54] **PROCEDES ET COMPOSITIONS PERMETTANT L'UTILISATION THERAPEUTIQUE DE L'INTERFERENCE ARN**  
[72] DAVIS, MARK E., US  
[72] PUN, SUZIE HWANG, US  
[72] JENSEN, GREGORY S., US  
[71] INSERT THERAPEUTICS, INC., US  
[85] 2004-05-03  
[86] 2002-11-04 (PCT/US2002/035453)  
[87] 2004-04-22 (WO2004/033620)  
[30] US (60/336314) 2001-11-02  
[30] US (60/337,304) 2001-11-05  
[30] US (60/418,909) 2002-10-15

---

[21] **2,465,902**  
[13] A1

[51] **Int.Cl. 7A61C 17/34**  
[25] EN  
[54] **MULTI-MOTION TOOTHBRUSH**  
[54] **BROSSE A DENTS A MOUVEMENT VARIABLE**  
[72] GALL, DOUGLAS A., US  
[72] BROWN, PATRICK W., US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-05-06  
[86] 2002-11-06 (PCT/US2002/035652)  
[87] 2003-05-15 (WO2003/039395)  
[30] US (09/993,167) 2001-11-06  
[30] US (10/036,613) 2001-11-07  
[30] US (10/027,594) 2001-12-21  
[30] US (10/114,780) 2002-04-03  
[30] US (10/128,018) 2002-04-22

---

[21] **2,466,172**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7B01L 3/00**  
[25] EN  
[54] **BIOCATALYTIC SOLGEL MICROARRAYS**  
[54] **JEUX ORDONNES DE MICROECHANTILLONS SOLGEL BIOCATALYTIQUES**  
[72] DORDICK, JONATHAN S., US  
[72] CLARK, DOUGLAS S., US  
[71] RENSSELAER POLYTECHNIC INSTITUTE, US  
[71] UNIVERSITY OF CALIFORNIA AT BERKELEY,  
[85] 2004-05-20  
[86] 2002-11-01 (PCT/US2002/035279)  
[87] 2003-05-08 (WO2003/038131)  
[30] US (60/336,045) 2001-11-01

## PCT Applications Entering the National Phase

[21] **2,466,272**  
[13] A1

[51] **Int.Cl. 7F16L 19/075**  
[25] EN  
[54] **CONCENTRIC PIPE JOINT RESTRAINT**  
[54] **LIAISON DE BLOCAGE POUR TUBES CONCENTRIQUES**  
[72] SHUMARD, DENNIS, US  
[71] SHUMARD, DENNIS, US  
[85] 2004-05-12  
[86] 2002-11-05 (PCT/US2002/035470)  
[87] 2003-05-15 (WO2003/040601)  
[30] US (09/993,711) 2001-11-05

[21] **2,466,845**  
[13] A1

[51] **Int.Cl. 7C12N 15/13 7A61K 48/00 7A61P 35/00 7A61P 37/00 7C12Q 1/00 7A01K 67/027 7A61K 35/12 7C12N 15/12 7A61K 38/17 7C07K 16/28 7A61K 39/395 7A61K 31/7088**  
[25] EN  
[54] **MANIPULATION OF CYTOKINE LEVELS USING CD83 GENE PRODUCTS**  
[54] **MANIPULATION DE TAUX DE CYTOKINE AU MOYEN DE PRODUITS DE GENE CD83**  
[72] RAMSDELL, FRED, US  
[72] MARTINEZ, LEON FERNANDO GARCIA, US  
[72] APPELBY, MARK W., US  
[72] STAEBLING-HAMPTON, KAREN, US  
[72] PROLL, SEAN C., US  
[71] CELLTECH R & D, INC., US  
[85] 2004-05-20  
[86] 2002-11-21 (PCT/US2002/037738)  
[87] 2003-06-05 (WO2003/045318)  
[30] US (60/331,958) 2001-11-21

[21] **2,466,884**  
[13] A1

[51] **Int.Cl. 7G05F 1/00**  
[25] EN  
[54] **EXTRACTION OF ACCESSORY POWER FROM A SIGNAL SUPPLIED TO A LUMINAIRE FROM A PHASE ANGLE DIMMER**  
[54] **EXTRACTION D'ALIMENTATION POUR ACCESSOIRES A PARTIR D'UN SIGNAL FOURNI A UN LUMINAIRE PROVENANT D'UN GRADATEUR A ANGLE DE PHASE**  
[72] SUOMI, ERIC W., US  
[71] ELECTRONIC THEATRE CONTROLS, INC., US  
[85] 2004-05-11  
[86] 2003-01-23 (PCT/US2003/002178)  
[87] 2003-08-14 (WO2003/067929)  
[30] US (10/061,689) 2002-02-01

[21] **2,466,890**  
[13] A1

[51] **Int.Cl. 7C12N 9/44**  
[25] EN  
[54] **NOVEL ISOAMYLASES AND ASSOCIATED METHODS AND PRODUCTS**  
[54] **NOUVELLES ISOAMYLASES AINSI QUE PROCEDES ET PRODUITS ASSOCIES**  
[72] REGINA, AHMED, AU  
[72] RAHMAN, SADEQR, AU  
[72] KONIK-ROSE, CHRISTINE, AU  
[72] MORELL, MATTHEW, AU  
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
[71] BIOGEMMA, FR  
[71] GOODMAN FIELDER LIMITED, AU  
[85] 2004-05-12  
[86] 2002-11-12 (PCT/AU2002/001539)  
[87] 2003-05-22 (WO2003/041490)  
[30] AU (PR 8827) 2001-11-12

[21] **2,466,957**  
[13] A1

[51] **Int.Cl. 7F27B 9/02**  
[25] EN  
[54] **CONVECTION FURNACE THERMAL PROFILE ENHANCEMENT**  
[54] **AMELIORATION DU PROFIL THERMIQUE D'UN FOUR A CONVECTION**  
[72] HONNORS, ROBERT, US  
[72] ORBECK, GARY, US  
[72] GIBBS, WAYNE L., US  
[71] BTU INTERNATIONAL, INC., US  
[85] 2004-05-11  
[86] 2003-07-15 (PCT/US2003/022084)  
[87] 2004-04-08 (WO2004/029531)  
[30] US (60/413,879) 2002-09-26  
[30] US (10/463,654) 2003-06-17

[21] **2,467,085**  
[13] A1

[51] **Int.Cl. 7F16B 19/10**  
[25] EN  
[54] **ANTI-ROTATION TACKING RIVET**  
[54] **RIVET DE SOLIDARISATION ANTI-ROTATION**  
[72] ESHRAGHI, SOHEIL, US  
[71] TEXTRON INC., US  
[85] 2004-05-14  
[86] 2002-10-31 (PCT/US2002/035003)  
[87] 2003-07-17 (WO2003/058076)  
[30] US (10/034,942) 2001-12-27

[21] **2,467,168**  
[13] A1

[51] **Int.Cl. 7C22C 38/00 7C22C 38/08 7C22C 38/40**  
[25] EN  
[54] **HIGH STRENGTH MARINE STRUCTURES**  
[54] **STRUCTURES MARINES DE GRANDE RESISTANCE**  
[72] MINTA, MOSES, US  
[72] PETERSEN, CLIFFORD W., US  
[72] LEGER, ANN T., US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2004-05-13  
[86] 2002-11-26 (PCT/US2002/038087)  
[87] 2003-06-05 (WO2003/046294)  
[30] US (60/333,584) 2001-11-27  
[30] US (60/342,204) 2001-12-19  
[30] US (10/303,607) 2002-11-25

## Demandes PCT entrant en phase nationale

[21] **2,467,486**  
[13] A1

[51] **Int.Cl. 7A61K 39/275 7C12N 7/00 7A61K 39/12 7C12N 15/86**  
[25] EN  
[54] **VACCINE**  
[54] **VACCIN**  
[72] HILL, ADRIAN, GB  
[72] ANDERSON, RICHARD, GB  
[72] GILBERT, SARAH, GB  
[72] LAIDLAW, STEPHEN, GB  
[72] SKINNER, MIKE, GB  
[71] ISIS INNOVATION LIMITED, GB  
[85] 2004-05-25  
[86] 2002-12-02 (PCT/GB2002/005411)  
[87] 2003-06-12 (WO2003/047617)  
[30] GB (0128733.3) 2001-11-30  
[30] US (60/334,649) 2001-11-30

[21] **2,467,572**  
[13] A1

[51] **Int.Cl. 7F16L 21/08**  
[25] EN  
[54] **LOCKING DEVICE AND METHOD FOR SECURING TELESCOPED PIPE**  
[54] **DISPOSITIF DE VERROUILLAGE PERMETTANT DE FIXER UN CONDUIT EN FORME DE TELESCOPE**  
[72] HOLMES, WILLIAM W., IV, US  
[72] COPELAND, DANIEL A., US  
[71] UNITED STATES PIPE AND FOUNDRY COMPANY, US  
[85] 2004-05-12  
[86] 2002-11-22 (PCT/US2002/037550)  
[87] 2003-06-19 (WO2003/050421)  
[30] US (10/017,889) 2001-12-12

[21] **2,467,629**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **METHODS FOR EVALUATING DRUG-RESISTANCE GENE EXPRESSION IN THE CANCER PATIENT**  
[54] **PROCEDES POUR EVALUER UNE EXPRESSION GENIQUE DE RESISTANCE AUX MEDICAMENTS CHEZ UN PATIENT ATTEINT D'UN CANCER**  
[72] KOPRESKI, MICHAEL, US  
[71] ONCOMEDX, INC., US  
[85] 2004-05-20  
[86] 2002-11-19 (PCT/US2002/037148)  
[87] 2003-05-30 (WO2003/044215)  
[30] US (60/331,862) 2001-11-20

[21] **2,467,652**  
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 11/00 7A61P 11/06 7A61K 31/137 7A61K 31/4375 7A61K 31/4439 7A61K 31/4745 7A61K 31/506**  
[25] EN  
[54] **REVERSIBLE PROTON PUMP INHIBITORS FOR THE TREATMENT OF AIRWAY DISORDERS**  
[54] **AGENTS UTILES POUR LE TRAITEMENT DES TROUBLES DES VOIES AERIENNES**  
[72] SIMON, WOLFGANG-ALEXANDER, DE  
[71] ALTANA PHARMA AG, DE  
[85] 2004-05-18  
[86] 2002-11-16 (PCT/EP2002/012864)  
[87] 2003-05-30 (WO2003/043614)  
[30] EP (01000642.7) 2001-11-19

[21] **2,467,744**  
[13] A1

[51] **Int.Cl. 7B60R 21/24**  
[25] EN  
[54] **FABRIC VALVE**  
[54] **SOUPAPE DE TISSU**  
[72] WILLIBEY, DOUGLAS D., US  
[71] ZODIAC AUTOMOTIVE US INC, US  
[85] 2004-05-18  
[86] 2002-12-04 (PCT/US2002/038603)  
[87] 2003-07-17 (WO2003/057540)  
[30] US (10/026,554) 2001-12-27

[21] **2,467,781**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61P 7/00**  
[25] EN  
[54] **METHOD FOR TREATING THROMBOCYTOPENIA WITH MONOCLONAL IVIG**  
[54] **PROCEDE SERVANT A TRAITER LA THROMBOCYTOPENIE AU MOYEN D'IMMUNOGLOBULINE INTRAVEINEUSE MONOCLONALE**  
[72] FREEDMAN, JOHN, CA  
[72] SONG, SENG, CA  
[72] CROW, ANDREW R., CA  
[72] LAZARUS, ALAN H., CA  
[71] CANADIAN BLOOD SERVICES, CA  
[85] 2004-05-19  
[86] 2001-11-20 (PCT/CA2001/001648)  
[87] 2002-05-23 (WO2002/040047)  
[30] US (60/249,441) 2000-11-20

[21] **2,467,834**  
[13] A1

[51] **Int.Cl. 7A61M 5/168**  
[25] EN  
[54] **DEVICE FOR REGULATING FLOW RATE OF INTRAVENOUS MEDICAL SOLUTION DURING INJECTION**  
[54] **DISPOSITIF POUR REGULER LE DEBIT D'UNE SOLUTION MEDICALE INTRAVEINEUSE AU COURS DE L'INJECTION**  
[72] KIM, BYOUNG JAE, KR  
[72] SUNG, HYUNG JIN, KR  
[72] CHU, HO GIL, KR  
[72] LEE, SANG BIN, KR  
[71] MEINNTTECH CO., LTD., KR  
[85] 2004-05-20  
[86] 2002-11-28 (PCT/KR2002/002233)  
[87] 2003-06-05 (WO2003/045475)  
[30] KR (2001/74845) 2001-11-29

[21] **2,467,910**  
[13] A1

[51] **Int.Cl. 7C07C 311/16 7A61K 31/18 7A61K 31/34 7A61K 31/404 7A61K 31/4412 7A61K 31/63**  
[25] EN  
[54] **MODULATORS OF RHO C ACTIVITY**  
[54] **MODULATEURS DE L'ACTIVITE DE RHO C**  
[72] SUN, DONGXU, US  
[72] TUGENDREICH, STUART, US  
[72] PERKINS, EDWARD L., CA  
[71] ICONIX PHARMACEUTICALS, INC., US  
[85] 2004-05-20  
[86] 2002-11-19 (PCT/US2002/037098)  
[87] 2003-05-30 (WO2003/043578)  
[30] US (60/331,861) 2001-11-19

[21] **2,467,923**  
[13] A1

[51] **Int.Cl. 7B32B 27/32 7C08J 5/18 7B65D 65/40**  
[25] EN  
[54] **POLYPROPYLENE WRAP FILM**  
[54] **FILM D'EMBALLAGE DE POLYPROPYLENE**  
[72] NAKAO, TAKASHI, JP  
[72] IRIYA, MASARU, JP  
[71] ASAHI KASEI KABUSHIKI KAISHA, JP  
[85] 2004-05-20  
[86] 2001-11-22 (PCT/JP2001/010247)  
[87] 2003-05-30 (WO2003/043818)

## PCT Applications Entering the National Phase

---

[21] **2,467,955**  
[13] A1  
[51] **Int.Cl. 7A61K 38/46**  
[25] EN  
[54] **LIPOPROTEIN LIPASE AND LIPOPROTEIN LIPASE ACTIVATORS IN THE TREATMENT OF INFLAMMATORY CONDITIONS**  
[54] **LIPOPROTEINE LIPASE ET ACTIVATEURS DE LA LIPOPROTEINE LIPASE UTILISES DANS LE TRAITEMENT DES ETATS INFLAMMATOIRES**  
[72] ZIOUZENKOVA, OULIANA, US  
[72] PLUTZKY, JORGE, US  
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US  
[85] 2004-05-31  
[86] 2002-11-07 (PCT/US2002/035844)  
[87] 2003-05-15 (WO2003/039583)  
[30] US (60/331,124) 2001-11-08

---

[21] **2,467,957**  
[13] A1  
[51] **Int.Cl. 7C10L 1/12 7C01F 17/00 7C10L 10/02 7C10L 10/06 7C10L 1/10**  
[25] EN  
[54] **CERIUM OXIDE NANOPARTICLES**  
[54] **NANOPARTICULES D'OXYDE DE CERIUM**  
[72] WAKEFIELD, GARETH, GB  
[71] OXONICA LIMITED, GB  
[85] 2004-06-01  
[86] 2002-11-06 (PCT/GB2002/005013)  
[87] 2003-05-15 (WO2003/040270)  
[30] GB (0126663.4) 2001-11-06

---

[21] **2,467,958**  
[13] A1  
[51] **Int.Cl. 7C12N 15/45 7C12N 7/00 7C12N 7/01 7A61P 31/14 7A61K 39/155 7A61K 35/76**  
[25] EN  
[54] **RECOVERY OF RECOMBINANT HUMAN PARAINFLUENZA VIRUS TYPE 1 (HPIV1) FROM CDNA**  
[54] **RECUPERATION D'UN VIRUS PARAINFLUENZA DE TYPE 1 HUMAIN (HPIV1) A PARTIR D'UN ADN COMPLEMENTAIRE ET UTILISATION DU HPIV1 RECOMBINANT DANS DES COMPOSITIONS IMMUNOGENES ET COMME VECTEUR POUR INDUIRE DES REPONSES IMMUNITAIRES DIRIGES CONTRE PIV ET D'AUTRES AGENTS PATHOGENES HUMAINS**  
[72] MURPHY, BRIAN R., US  
[72] COLLINS, PETER L., US  
[72] SKIADOPOULOS, MARIO H., US  
[72] NEWMAN, JASON T., US  
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2004-05-21  
[86] 2002-11-21 (PCT/US2002/037688)  
[87] 2003-05-30 (WO2003/043587)  
[30] US (60/331,961) 2001-11-21

---

[21] **2,468,029**  
[13] A1  
[51] **Int.Cl. 7B60K 13/04 7F01N 7/00 7B60R 27/00 7F01N 7/08**  
[25] EN  
[54] **EXHAUST FUME DIVERTER**  
[54] **DEFLECTEUR DE FUMEEES D'ECHAPPEMENT**  
[72] UMIASTOWSKI, TOMASZ, AU  
[71] UMIASTOWSKI, TOMASZ, AU  
[85] 2004-05-21  
[86] 2002-12-06 (PCT/AU2002/001653)  
[87] 2003-06-12 (WO2003/047899)  
[30] AU (PR 9473) 2001-12-07

---

[21] **2,468,041**  
[13] A1  
[51] **Int.Cl. 7G01N 33/543**  
[25] EN  
[54] **OPTICAL BIO-DISCS AND MICROFLUIDIC DEVICES FOR ANALYSIS OF CELLS**  
[54] **BIODISQUES OPTIQUES ET CIRCUITS FLUIDIQUES UTILISES POUR L'ANALYSE DE CELLULES ET METHODES CORRESPONDANTES**  
[72] URCIA, JOSEPH ROBY IRINGAN, US  
[72] SELVAN, GOWRI PYAPALI, US  
[72] HURT, SUSAN NEWCOMB, US  
[72] CHEN, YIHFAR, US  
[72] VALENCIA, RAMONCITO MAGPANTAY, US  
[71] BURSTEIN TECHNOLOGIES, INC., US  
[85] 2004-05-21  
[86] 2002-11-13 (PCT/US2002/036747)  
[87] 2003-05-30 (WO2003/044481)  
[30] US (09/988,728) 2001-11-20  
[30] US (60/349,392) 2002-01-17  
[30] US (60/349,449) 2002-01-18  
[30] US (60/355,644) 2002-02-05  
[30] US (60/358,479) 2002-02-19  
[30] US (60/382,327) 2002-05-22

---

[21] **2,468,046**  
[13] A1  
[51] **Int.Cl. 7C12P 19/62 7A61P 35/00 7A61P 43/00 7C07H 17/08 7A61K 31/7048 7A61K 35/74**  
[25] EN  
[54] **NOVEL TETRONIC ACID DERIVATIVE**  
[54] **NOUVEAU DERIVE D'ACIDE TETRONIQUE**  
[72] KAZUO SHINYA, JP  
[72] TSURUO, TAKASHI, JP  
[72] TOMIDA, AKIHIRO, JP  
[72] PARK, HAE-RYONG, JP  
[71] KAZUO SHINYA, JP  
[85] 2004-05-21  
[86] 2002-11-22 (PCT/JP2002/012237)  
[87] 2003-05-30 (WO2003/044209)  
[30] JP (2001/357114) 2001-11-22  
[30] JP (PCT/JP02/09279) 2002-09-11

## Demandes PCT entrant en phase nationale

[21] **2,468,081**  
[13] A1

[51] **Int.Cl. 7C07K 19/00 7A61P 35/00 7A61K 51/10 7A61K 47/48**  
[25] EN  
[54] **CONJUGATES COMPRISING AN ANTIBODY SPECIFIC FOR THE ED-B DOMAIN OF FIBRONECTIN AND THEIR USE FOR THE DETECTION AND TREATMENT OF TUMOURS**  
[54] **NOUVELLES METHODES DE DIAGNOSTIC ET DE TRAITEMENT DE TUMEURS**  
[72] HILGER, CHRISTOPH-STEPHAN, DE  
[72] BERNDORFF, DIETMAR, DE  
[72] DINKELBORG, LUDGER, DE  
[72] NERI, GIOVANNI, IT  
[72] MOOSMAYER, DIETER, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2004-05-21  
[86] 2003-01-02 (PCT/EP2003/000009)  
[87] 2003-07-10 (WO2003/055917)  
[30] EP (02000315.8) 2002-01-03  
[30] US (60/358,702) 2002-02-25

[21] **2,468,100**  
[13] A1

[51] **Int.Cl. 7C07K 14/62 7C07K 1/06 7A61P 3/10 7A61K 38/28 7C30B 29/58**  
[25] EN  
[54] **INSULIN MOLECULE HAVING PROTRACTED TIME ACTION**  
[54] **MOLECULE D'INSULINE A DUREE D'ACTION PROLONGEE**  
[72] BEALS, JOHN MICHAEL, US  
[72] NG, KINGMAN, US  
[72] DEFELIPPIS, MICHAEL ROSARIO, US  
[72] MYERS, SHARON RUTH, US  
[72] MICANOVIC, RADMILA, US  
[72] KOHN, WAYNE DAVID, US  
[72] DIMARCHI, RICHARD DENNIS, US  
[72] ZHANG, LIANSHAN, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2004-05-21  
[86] 2002-12-12 (PCT/US2002/037601)  
[87] 2003-07-03 (WO2003/053339)  
[30] US (60/344,310) 2001-12-20  
[30] US (60/414,604) 2002-09-27

[21] **2,468,125**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07H 21/00 7A61K 48/00 7C07K 14/00 7C07K 16/00 7C12N 15/11 7A61K 35/12 7A61K 38/16 7C07K 16/28 7A61K 39/395 7G01N 33/53 7C12Q 1/68 7C12Q 1/70 7C07K 14/705 7A61K 31/7088**  
[25] EN  
[54] **TARGET SPECIFIC SCREENING AND ITS USE FOR IDENTIFYING TARGET BINDERS**  
[54] **CRIBLAGE SPECIFIQUE DE CIBLES ET SON UTILISATION POUR IDENTIFIER DES AGENTS DE FIXATION A DES CIBLES**  
[72] PILLUTLA, RENUKA C., US  
[72] SPRUYT, MICHAEL, US  
[72] BRISSETTE, RENEE, US  
[72] DEDOVA, OLGA, US  
[72] BLUME, ARTHUR, US  
[72] PRENDERGAST, JOHN, US  
[72] GOLDSTEIN, NEIL, US  
[71] DGI BIOTECHNOLOGIES, INC., US  
[85] 2004-05-25  
[86] 2002-10-24 (PCT/US2002/034021)  
[87] 2003-05-01 (WO2003/035839)  
[30] US (60/345,471) 2001-10-24

[21] **2,468,156**  
[13] A1

[51] **Int.Cl. 7C07D 513/04 7A61P 35/00 7C07D 487/04 7C07D 498/04 7A61K 31/519 7A61K 31/5377 7A61K 31/551 7A61K 31/5513**  
[25] EN  
[54] **MITOTIC KINESIN INHIBITORS**  
[54] **INHIBITEURS MITOTIQUES DE LA KINESINE**  
[72] HOFFMAN, WILLIAM F., US  
[72] FRALEY, MARK E., US  
[72] HARTMAN, GEORGE D., US  
[71] MERCK & CO., INC., US  
[85] 2004-05-21  
[86] 2002-12-02 (PCT/US2002/038313)  
[87] 2003-06-19 (WO2003/049679)  
[30] US (60/338,344) 2001-12-06

[21] **2,468,161**  
[13] A1

[51] **Int.Cl. 7C12Q 1/00**  
[25] EN  
[54] **POLYPEPTIDE QUANTITATION**  
[54] **QUANTIFICATION DE POLYPEPTIDE**  
[72] BARNIDGE, DAVID R., US  
[72] LINDALL, ARNOLD W., US  
[71] THERMO FINNIGAN LLC, US  
[85] 2004-05-21  
[86] 2002-11-27 (PCT/US2002/038334)  
[87] 2003-06-05 (WO2003/046148)  
[30] US (60/334,325 (CIP)) 2001-11-29

[21] **2,468,178**  
[13] A1

[51] **Int.Cl. 7C12P 13/22 7C12P 13/04 7C12P 13/08 7C12N 15/09 7C12N 1/20 7C12N 1/21 7C07K 14/245 7C12N 15/31 7C12N 15/70**  
[25] EN  
[54] **PROCESS FOR PRODUCING L-AMINO ACID USING ESCHERICHIA**  
[54] **PROCEDE DE PRODUCTION DE L-AMINOACIDES A L'AIDE D'ESCHERICHIA**  
[72] ZIYATDINOV, MIKHAIL KHARISOVICH, RU  
[72] MASHKO, SERGEY VLADIMIROVICH, RU  
[72] DOROSHENKO, VERA GEORGIEVNA, RU  
[72] SAVRASOVA, EKATERINA ALEKSEEVNA, RU  
[72] AKHVERDIAN, VALERY ZAVENOVICH, RU  
[72] VITUSHKINA, MARIA VIACHESLAVOVNA, RU  
[72] GUSYATINER, MIKHAIL MARKOVICH, RU  
[72] LIVSHITS, VITALIY ARKADYEVICH, RU  
[71] AJINOMOTO CO., INC., JP  
[85] 2004-05-25  
[86] 2002-11-21 (PCT/JP2002/012202)  
[87] 2003-05-30 (WO2003/044191)  
[30] RU (2001131570) 2001-11-23

## PCT Applications Entering the National Phase

[21] **2,468,187**  
[13] A1

[51] **Int.Cl. 7C12N 15/18 7A61K 48/00 7A61P 35/00 7C07K 17/02 7C07K 7/06 7C07K 5/10 7A61K 38/18 7A61L 27/22 7A61L 27/34 7C07K 14/49 7A61K 31/7088**  
[25] EN  
[54] **PEPTIDES WITH GROWTH INHIBITORY ACTION**  
[54] **PEPTIDES A ACTION INHIBITRICE DE LA CROISSANCE**  
[72] DEAN, CHERYL, US  
[72] HEIDARAN, MOHAMMAD, US  
[72] SPARGO, CATHY A., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[71] HAALAND, PERRY D., US  
[85] 2004-05-25  
[86] 2002-09-30 (PCT/US2002/031165)  
[87] 2003-06-05 (WO2003/045973)  
[30] US (60/333,476) 2001-11-28

[21] **2,468,192**  
[13] A1

[51] **Int.Cl. 7C07K 5/06 7C07F 5/04 7A61K 38/04 7C07K 5/04 7A61K 38/05 7C07D 207/12 7A61K 31/401 7A61K 31/426 7A61K 31/437 7A61K 31/445 7A61K 31/4725 7C07F 9/572 7A61K 31/675 7A61K 31/69**  
[25] EN  
[54] **PEPTIDOMIMETIC INHIBITORS OF POST-PROLINE CLEAVING ENZYMES**  
[54] **INHIBITEURS PEPTIDOMIMETIQUES D'ENZYMES DE CLIVAGE POST-PROLINE**  
[72] BACHOVCHIN, WILLIAM W., US  
[71] TRUSTEES OF TUFTS COLLEGE, US  
[85] 2004-05-25  
[86] 2002-11-26 (PCT/US2002/038053)  
[87] 2003-06-05 (WO2003/045977)  
[30] US (60/333,519) 2001-11-26  
[30] US (60/405,530) 2002-08-23

[21] **2,468,197**  
[13] A1

[51] **Int.Cl. 7A61K 41/00 7A61P 37/00 7A61N 5/06 7A61K 35/12 7A61K 35/14 7A61K 31/37**  
[25] EN  
[54] **METHODS FOR PRETREATING A SUBJECT WITH EXTRACORPOREAL PHOTOPHERESIS AND/OR APOPTOTIC CELLS**  
[54] **METHODES PERMETTANT DE PRETRAITER UN SUJET AU MOYEN D'UNE PHOTOPHERESE EXTRACORPORELLE ET/OU DE CELLULES APOPTOTIQUES**  
[72] HARRIMAN, GREGORY, US  
[72] PERRITT, DAVID, US  
[71] THERAKOS, INC., US  
[85] 2004-05-25  
[86] 2002-11-29 (PCT/US2002/038166)  
[87] 2003-06-05 (WO2003/045979)  
[30] US (60/333,746) 2001-11-29

[21] **2,468,230**  
[13] A1

[51] **Int.Cl. 7C12P 21/06 7C12N 9/36**  
[25] EN  
[54] **GLYCOPEPTIDE REMODELING USING AMIDASES**  
[54] **REMODELAGE DE GLYCOPEPTIDE AU MOYEN D'AMIDASES**  
[72] DEFREES, SHAWN, US  
[71] NEOSE TECHNOLOGIES, INC., US  
[85] 2004-05-25  
[86] 2002-11-27 (PCT/US2002/038440)  
[87] 2003-06-05 (WO2003/045980)  
[30] US (60/334,233) 2001-11-28

[21] **2,468,231**  
[13] A1

[51] **Int.Cl. 7A61K 7/46 7C11B 9/00**  
[25] EN  
[54] **COMPOUNDS FOR A CONTROLLED RELEASE OF ACTIVE MOLECULES**  
[54] **COMPOSES POUR UNE LIBERATION CONTROLEE DE MOLECULES ACTIVES**  
[72] FEHR, CHARLES, CH  
[72] STRUILLOU, ARNAUD, FR  
[72] GALINDO, JOSE, CH  
[71] FIRMENICH SA, CH  
[85] 2004-05-20  
[86] 2002-12-11 (PCT/IB2002/005365)  
[87] 2003-06-19 (WO2003/049666)  
[30] IB (PCT/IB01/02520) 2001-12-13

[21] **2,468,243**  
[13] A1

[51] **Int.Cl. 7A61M 5/32**  
[25] EN  
[54] **A SAFETY NEEDLE ASSEMBLY**  
[54] **SYSTEME D'AIGUILLE DE SECURITE**  
[72] JENSEN, KARSTEN, DK  
[72] NYMARK, NIELS, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2004-05-25  
[86] 2002-11-28 (PCT/DK2002/000799)  
[87] 2003-06-05 (WO2003/045480)  
[30] DK (PA 2001 01772) 2001-11-30

[21] **2,468,250**  
[13] A1

[51] **Int.Cl. 7A61K 38/00 7A61K 47/02 7A61K 47/12 7A61K 9/14 7A61K 38/22 7A61K 38/26 7A61K 38/28 7A61K 47/34 7A61K 47/36 7A61K 47/38**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR NASAL ABSORPTION**  
[54] **COMPOSITION PHARMACEUTIQUE POUR ABSORPTION NASALE**  
[72] YANAGAWA, AKIRA, JP  
[72] KANAI, YASUSHI, JP  
[72] MINAMITAKE, YOSHIHARU, JP  
[72] TSUKADA, YOSHIO, JP  
[71] DAIICHI SUNTORY PHARMA CO., LTD., JP  
[85] 2004-05-25  
[86] 2002-11-26 (PCT/JP2002/012337)  
[87] 2003-06-05 (WO2003/045418)  
[30] JP (2001/359559) 2001-11-26

[21] **2,468,266**  
[13] A1

[51] **Int.Cl. 7C07D 401/14 7A61P 35/00 7C07D 401/12 7C07D 413/12 7A61K 31/517 7A61K 31/5377 7A61K 31/5513 7C07D 239/70**  
[25] EN  
[54] **MITOTIC KINESIN INHIBITORS**  
[54] **INHIBITEURS MITOTIQUES DE LA KINESINE**  
[72] GARBACCIO, ROBERT M., US  
[72] FRALEY, MARK E., US  
[71] MERCK & CO., INC., US  
[85] 2004-05-20  
[86] 2002-12-02 (PCT/US2002/038312)  
[87] 2003-06-19 (WO2003/049678)  
[30] US (60/338,379) 2001-12-06

## Demandes PCT entrant en phase nationale

[21] **2,468,273**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/574 7G01N 33/68**  
[25] EN  
[54] **DISEASE DETECTION BY DIGITAL PROTEIN TRUNCATION ASSAYS**  
[54] **DETECTION DE MALADIES PAR ESSAIS NUMERIQUES DES TRONCATIONS DE PROTEINES**  
[72] VOGELSTEIN, BERT, US  
[72] KINZLER, KENNETH W., US  
[72] TRAVERSO, C. GIOVANNI, CA  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2004-05-25  
[86] 2002-12-04 (PCT/US2002/036143)  
[87] 2004-04-29 (WO2004/036171)  
[30] US (60/336,177) 2001-12-06

[21] **2,468,275**  
[13] A1

[51] **Int.Cl. 7G01N 33/92 7G01N 21/00 7C12Q 1/48 7G01N 33/53 7G01N 33/543 7G01N 33/574**  
[25] EN  
[54] **ASSAYING APPARATUS, KIT, AND METHOD FOR LIPIDS AND ASSOCIATED ENZYMES**  
[54] **APPAREIL, NECESSAIRE ET PROCEDURE DE TITRAGE BIOLOGIQUE DE LIPIDES ET ENZYMES ASSOCIES**  
[72] NEILSEN, PAUL, US  
[72] MOSTERT, MICHAEL J., US  
[72] DREES, BETH, US  
[72] CHAKRAVARTY, LEENA, US  
[72] PRESTWICH, GLENN, US  
[71] ECHELON BIOSCIENCES INC., US  
[85] 2004-05-25  
[86] 2002-11-20 (PCT/US2002/037116)  
[87] 2003-06-05 (WO2003/046202)  
[30] US (09/991,933) 2001-11-26

[21] **2,468,294**  
[13] A1

[51] **Int.Cl. 7G09F 19/02 7G09F 7/22**  
[25] EN  
[54] **A DISPLAY APPARATUS**  
[54] **DISPOSITIF DE PRESENTATION**  
[72] WHITE, JAMES, GB  
[72] BEATTIE, NEIL, GB  
[71] WHITE, JAMES, GB  
[71] BEATTIE, NEIL, GB  
[85] 2004-06-01  
[86] 2002-12-03 (PCT/EP2002/013730)  
[87] 2003-06-12 (WO2003/049071)  
[30] GB (0128802.6) 2001-12-03

[21] **2,468,298**  
[13] A1

[51] **Int.Cl. 7H01M 4/88 7H01M 4/66**  
[25] EN  
[54] **PRECOMPRESSED GAS DIFFUSION LAYERS FOR ELECTROCHEMICAL CELLS**  
[54] **COUCHES DE DIFFUSION GAZEUSE PRECOMPRIMEES POUR CELLULES ELECTROCHIMIQUES**  
[72] LARSON, JAMES M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-05-31  
[86] 2002-10-28 (PCT/US2002/034526)  
[87] 2003-11-06 (WO2003/092095)  
[30] US (10/028,173) 2001-12-21

[21] **2,468,303**  
[13] A1

[51] **Int.Cl. 7A23L 1/275 7A23P 1/08 7A23L 1/30 7A61K 35/78**  
[25] EN  
[54] **CAROTENOID FORMULATION**  
[54] **FORMULATION DE CAROTENOIDE**  
[72] GARTI, NISSIM, IL  
[72] ZELKHA, MORRIS, IL  
[72] SEDLOV, TANYA, IL  
[71] LYCORED NATURAL PRODUCTS INDUSTRIES LTD., IL  
[85] 2004-05-31  
[86] 2002-11-26 (PCT/IL2002/000945)  
[87] 2003-06-05 (WO2003/045167)  
[30] IL (146737) 2001-11-26

[21] **2,468,308**  
[13] A1

[51] **Int.Cl. 7A47C 21/00**  
[25] EN  
[54] **SNAP ON PROTECTIVE MEMBERS FOR BED FRAMES**  
[54] **ELEMENTS DE PROTECTION AJUSTABLES POUR CADRE DE LIT**  
[72] RYAN, HOWARD SCOTT, US  
[72] POLEVOY, RICHARD S., US  
[72] CARLSON, PAUL ERIC, US  
[71] FINGER LAKES INTELLECTUAL PROPERTY, LLC, US  
[85] 2004-05-28  
[86] 2002-11-27 (PCT/US2002/038336)  
[87] 2003-06-05 (WO2003/045196)  
[30] US (09/997,389) 2001-11-29

[21] **2,468,320**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61K 39/00 7A61K 38/19 7A61K 31/405 7A61K 47/48 7A61K 31/7088**  
[25] EN  
[54] **METHODS FOR TREATING CANCER USING A COMBINATION OF A TUMOR-DERIVED DENDRITIC CELL INHIBITORY FACTOR ANTAGONIST AND A TOLL-LIKE RECEPTOR AGONIST**  
[54] **METHODES DE TRAITEMENT DU CANCER**  
[72] VICARI, ALAIN P., FR  
[72] CAUX, CHRISTOPHE, FR  
[71] SCHERING CORPORATION, US  
[85] 2004-05-26  
[86] 2002-11-26 (PCT/US2002/038098)  
[87] 2003-06-05 (WO2003/045431)  
[30] US (60/333,434) 2001-11-27

[21] **2,468,335**  
[13] A1

[51] **Int.Cl. 7C12N 5/00 7C12N 5/02 7C12N 5/06**  
[25] EN  
[54] **CHONDROCYTE PRECURSORS DERIVED FROM HUMAN EMBRYONIC STEM CELLS**  
[54] **PRECURSEURS DE CHONDROCYTES DERIVES DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES**  
[72] THIES, R. SCOTT, US  
[71] GERON CORPORATION, US  
[85] 2004-06-04  
[86] 2002-12-06 (PCT/US2002/039090)  
[87] 2003-06-19 (WO2003/050250)  
[30] US (60/339,043) 2001-12-07

## PCT Applications Entering the National Phase

[21] **2,468,336**  
[13] A1

[51] **Int.Cl. 7D06M 10/00 7D02J 13/00 7D02G 1/20 7H05B 6/78**  
[25] EN  
[54] **PROCESS FOR IMPARTING PERMANENCE TO A SHAPED NON THERMOPLASTIC FIBROUS MATERIAL**  
[54] **PROCEDE POUR CONFERER LA PERMANENCE DE FORME A UN MATERIAU FIBREUX NON THERMOPLASTIQUE FACONNE**  
[72] REBOUILLAT, SERGE, FR  
[72] PONT, NICOLAS, FR  
[72] STEFFENINO, BENOIT, FR  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-06-03  
[86] 2002-12-04 (PCT/US2002/038748)  
[87] 2003-06-19 (WO2003/050345)  
[30] US (60/338,438) 2001-12-06

[21] **2,468,339**  
[13] A1

[51] **Int.Cl. 7H01M 4/86 7H01M 8/10 7H01M 4/88**  
[25] EN  
[54] **METHOD OF MAKING GAS DIFFUSION LAYERS FOR ELECTROCHEMICAL CELLS**  
[54] **PROCEDE DE FABRICATION DE COUCHES DE DIFFUSION GAZEUSE POUR CELLULES ELECTROCHIMIQUES**  
[72] FRISK, JOSEPH W., US  
[72] LARSON, JAMES M., US  
[72] BOAND, WAYNE M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-03  
[86] 2002-09-26 (PCT/US2002/030747)  
[87] 2003-07-03 (WO2003/054990)  
[30] US (10/028,586) 2001-12-19

[21] **2,468,348**  
[13] A1

[51] **Int.Cl. 7A01N 59/16 7A01N 25/34**  
[25] EN  
[54] **ANTIMICROBIAL COMPOSITE MATERIAL**  
[54] **MATERIAU COMPOSITE ANTIMICROBIEN**  
[72] LUISI, ISABELLA, DE  
[72] JIANG, SHANGXIN, CN  
[72] CLEMENT, SIGRUN, DE  
[71] LUISI & CLEMENT GMBH, DE  
[85] 2004-06-01  
[86] 2002-11-27 (PCT/EP2002/013362)  
[87] 2003-06-12 (WO2003/047349)  
[30] US (60/334,594) 2001-12-03  
[30] EP (02004913.6) 2002-03-05  
[30] EP (02012030.9) 2002-05-31

[21] **2,468,349**  
[13] A1

[51] **Int.Cl. 7C07D 239/32 7A61P 29/00 7C07D 279/06 7A61K 31/295 7C07D 239/38 7C07D 239/47 7C07D 239/50 7A61K 31/506 7C07D 239/52 7C07D 239/56**  
[25] EN  
[54] **PYRIMIDINE COMPOUNDS**  
[54] **COMPOSES DE PYRIMIDINE**  
[72] SUN, LIJUN, US  
[72] ZHANG, SHIJIE, US  
[72] PRZEWLOKA, TERESA, US  
[72] WU, YAMING, US  
[72] ZHOU, DAN, US  
[72] KOSTIK, ELENA, US  
[72] KOYA, KEIZO, US  
[72] ONO, MITSUNORI, US  
[72] WADA, YUMIKO, US  
[72] YING, WEIWEN, US  
[72] TATSUTA, NORIAKI, US  
[71] SYNTA PHARMACEUTICALS CORPORATION, US  
[85] 2004-05-26  
[86] 2002-11-27 (PCT/US2002/038161)  
[87] 2003-06-12 (WO2003/047516)  
[30] US (10/000,742) 2001-11-30  
[30] US (10/192,347) 2002-07-10

[21] **2,468,353**  
[13] A1

[51] **Int.Cl. 7C07K 14/435 7C07K 16/18 7G01N 33/53**  
[25] EN  
[54] **A NOVEL HOMEBOX GENE**  
[54] **NOUVEAU GENE HOMEOTIQUE**  
[72] STROMME, PETTER, NO  
[72] GECZ, JOZEF, AU  
[71] WOMEN'S AND CHILDREN'S HOSPITAL, AU  
[85] 2004-05-25  
[86] 2002-11-26 (PCT/AU2002/001599)  
[87] 2003-06-05 (WO2003/045989)  
[30] AU (PR 9095) 2001-11-26

[21] **2,468,387**  
[13] A1

[51] **Int.Cl. 7A01N 43/54 7A01N 43/653 7A01N 43/707**  
[25] EN  
[54] **HERBICIDES BASED ON SUBSTITUTED CARBOXYLIC ACID ANILIDES**  
[54] **HERBICIDES A BASE D'ANILIDES D'ACIDE CARBOXYLIQUE SUBSTITUES**  
[72] LINKER, KARL-HEINZ, DE  
[72] FEUCHT, DIETER, DE  
[72] DAHMEN, PETER, DE  
[72] PONTZEN, ROLF, DE  
[72] ANDREE, ROLAND, DE  
[72] DREWES, MARK WILHELM, DE  
[71] BAYER CROPSCIENCE AG, DE  
[85] 2004-06-02  
[86] 2002-12-02 (PCT/EP2002/013599)  
[87] 2003-06-12 (WO2003/047346)  
[30] DE (101 59 659.6) 2001-12-05

[21] **2,468,393**  
[13] A1

[51] **Int.Cl. 7A45D 20/06**  
[25] EN  
[54] **HAIRDRYER**  
[54] **SECHE-CHEVEUX**  
[72] COLLIER, NICHOLAS, GB  
[72] SUNDERLAND, JOSEPH WILLIAM, GB  
[72] RIDLEY, MARK, GB  
[71] FREEDOM INNOVATIONS LIMITED, GB  
[85] 2004-06-02  
[86] 2002-12-06 (PCT/GB2002/005498)  
[87] 2003-06-12 (WO2003/047387)  
[30] GB (0129243.2) 2001-12-06  
[30] GB (0217741.8) 2002-07-31

## Demandes PCT entrant en phase nationale

[21] **2,468,397**  
[13] A1  
[51] **Int.Cl. 7A23N 15/08**  
[25] EN  
[54] **INSTALLATION FOR THE TREATMENT OF PRODUCTS IN BULB OR TUBER FORM**  
[54] **INSTALLATION POUR LE TRAITEMENT DE PRODUITS SOUS FORME DE BULBES OU DE TUBERCULES**  
[72] VAN DER SCHOOT, PETER WILLEM CORNELIS, NL  
[71] VAN DER SCHOOT ENGINEERING B.V., NL  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/NL2002/000784)  
[87] 2003-06-12 (WO2003/047372)  
[30] NL (1019471) 2001-12-03

[21] **2,468,400**  
[13] A1  
[51] **Int.Cl. 7C12N 1/20 7C07G 11/00 7A61K 45/00 7A61P 31/04 7C12P 1/04**  
[25] EN  
[54] **ANTIBIOTICS GE 81112 FACTORS A, B, B1, PHARMACEUTICALLY ACCEPTABLE SALTS AND COMPOSITIONS, AND USE THEREOF**  
[54] **ANTIBIOTIQUES FACTEURS A, B, B1 DU GE 81112, LEURS SELS PHARMACOCOMPATIBLES, LEURS COMPOSITIONS, ET LEURS UTILISATIONS**  
[72] SELVA, ENRICO, IT  
[72] LOSI, DANIELE, IT  
[72] MARINELLI, FLAVIA, IT  
[72] LAZZARINI, AMERIGA, IT  
[72] CAVALETTI, LINDA, IT  
[72] MARAZZI, ALESSANDRA, IT  
[71] VICURON PHARMACEUTICALS INC., US  
[85] 2004-05-26  
[86] 2002-10-04 (PCT/EP2002/011113)  
[87] 2003-06-05 (WO2003/046192)  
[30] EP (01128204.3) 2001-11-28

[21] **2,468,409**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **METHOD FOR ANALYZING TRANSLATION-CONTROLLED GENE EXPRESSION**  
[54] **PROCEDE D'ANALYSE DE L'EXPRESSION DE GENES COMMANDEE PAR TRANSLATION**  
[72] CHARLE, CHRISTOPH, DE  
[71] FOCUSGENOMICS GMBH, DE  
[85] 2004-05-26  
[86] 2002-11-25 (PCT/EP2002/013214)  
[87] 2003-06-05 (WO2003/046214)  
[30] DE (101 58 517.9) 2001-11-29

[21] **2,468,411**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C12Q 1/44**  
[25] EN  
[54] **METHOD FOR DETECTING HYBRIDIZATION EVENTS IN NUCLEIC ACIDS**  
[54] **PROCEDE DE MISE EN EVIDENCE DE PROCESSUS D'HYBRIDATION DANS DES ACIDES NUCLEIQUES**  
[72] CHARLE, CHRISTOPH, DE  
[71] FOCUSGENOMICS GMBH, DE  
[85] 2004-05-26  
[86] 2002-11-25 (PCT/EP2002/013215)  
[87] 2003-06-05 (WO2003/046215)  
[30] DE (101 58 516.0) 2001-11-29

[21] **2,468,412**  
[13] A1  
[51] **Int.Cl. 7C07J 41/00 7C07J 43/00 7A61P 5/32 7A61K 31/567**  
[25] EN  
[54] **17.ALPHA.-ALKYL-17.BETA.-OXY-ESTRATRIENES AND INTERMEDIATES FOR THE PRODUCTION THEREOF, AND USE OF SAID 17.ALPHA.-ALKYL-17.BETA.-OXY-ESTRATRIENES FOR PRODUCING MEDICAMENTS AND PHARMACEUTICAL PREPARATIONS**  
[54] **17.ALPHA.-ALKYL-17.BETA.-OXY-ESTRATRIENES ET INTERMEDIAIRES NECESSAIRES A LEUR PRODUCTION, UTILISATION DE 17.ALPHA.-ALKYL-17.BETA.-OXY-ESTRATRIENES POUR PRODUIRE DES MEDICAMENTS ET PREPARATIONS PHARMACEUTIQUES**  
[72] JAUTELAT, ROLF, DE  
[72] HEINRICH, NIKOLAUS, DE  
[72] LICHTNER, ROSEMARIE, DE  
[72] KROLL, JORG, DE  
[72] REICHEL, ANDREAS, DE  
[72] HOFFMANN, JENS, DE  
[72] BOHLMANN, ROLF, DE  
[72] PETROV, ORLIN, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2004-05-27  
[86] 2002-11-27 (PCT/EP2002/013484)  
[87] 2003-06-05 (WO2003/045972)  
[30] DE (101 59 217.5) 2001-11-27

[21] **2,468,417**  
[13] A1  
[51] **Int.Cl. 7A01M 25/00 7A01M 1/20 7E04B 1/72**  
[25] EN  
[54] **BARRIERS TO PEST INVASION**  
[54] **BARRIERES CONTRE L'INVASION DE DEPREDATEURS**  
[72] SMALLWOOD, JOE L., US  
[71] SWANSON, JAMES A., US  
[71] MEISNER, WALTER T., III, US  
[71] ALDRIDGE, TONI K., US  
[71] WILKS, KARL A., US  
[71] CUSH, RANDALL C., US  
[71] BEAN, MICHAEL J., US  
[71] WESTCOTT, KAREN L., US  
[71] ROPER, ELRAY M., US  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2004-06-01  
[86] 2002-12-03 (PCT/US2002/038692)  
[87] 2003-06-12 (WO2003/047338)  
[30] US (60/337,393) 2001-12-03

## PCT Applications Entering the National Phase

[21] **2,468,418**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **APPARATUS AND METHODS FOR DELIVERING COILED PROSTHESES**  
[54] **DISPOSITIFS ET PROCÉDES SERVANT A POSER DES PROTHESES ENROULEES**  
[72] ANDREAS, BERNARD, US  
[72] FRENCH, RON, US  
[71] XTENT, INC., US  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/US2002/038810)  
[87] 2003-06-12 (WO2003/047424)  
[30] US (60/336,767) 2001-12-03  
[30] US (10/306,622) 2002-11-27

[21] **2,468,419**  
[13] A1

[51] **Int.Cl. 7A61L 2/18 7A61L 29/00 7A61L 2/16**  
[25] EN  
[54] **ANTI-MICROBIAL SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCÉDES ANTIMICROBIENS**  
[72] KITE, PETER, GB  
[72] HATTON, DAVID, US  
[71] ASEPTICA, INC., US  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/US2002/038863)  
[87] 2003-06-12 (WO2003/047341)  
[30] US (60/338,639) 2001-12-05

[21] **2,468,424**  
[13] A1

[51] **Int.Cl. 7C12N 13/00 7A61N 1/32**  
[25] EN  
[54] **A METHOD FOR COMBINED PARALLEL AGENT DELIVERY AND ELECTROPORATION FOR CELL STRUCTURES AND USE THEREOF**  
[54] **PROCEDE D'ADMINISTRATION PARALLELE COMBINEE D'AGENTS ET D'ELECTROPORATION POUR STRUCTURES CELLULAIRES ET UTILISATION ASSOCIEE**  
[72] ORWAR, OWE, SE  
[72] KARLSSON, MATTIAS, SE  
[72] NOLKRANTZ, KERSTIN, SE  
[72] FARRE, CECILIA, SE  
[71] CELLECTRICON AB, SE  
[85] 2004-05-26  
[86] 2002-11-27 (PCT/SE2002/002192)  
[87] 2003-06-05 (WO2003/046170)  
[30] SE (0103957-7) 2001-11-27

[21] **2,468,426**  
[13] A1

[51] **Int.Cl. 7C07C 315/00 7C07C 317/46**  
[25] EN  
[54] **PROCESS FOR PREPARING N-(4'-CYANO-3'-TRIFLUOROMETHYL)-3-(4"-FLUOROPHENYLSULFONYL)-2-HYDROXY-2-METHYLPROPIONAMIDE**  
[54] **PROCEDE DE PREPARATION DE N-(4'-CYANO-3'-TRIFLUOROMETHYL)-3-(4"-FLUOROPHENYLSULFONYL)-2-HYDROXY-2-METHYLPROPIONAMIDE**  
[72] OROSZ, GYORGY, HU  
[72] LUKACS, FERENC, HU  
[72] SCHNEIDER, GEZA, HU  
[72] BOR, ADAM, HU  
[71] HELM AG, DE  
[71] CF PHARMA GYOGYSZERGYARTO KFT., HU  
[85] 2004-05-31  
[86] 2003-05-13 (PCT/EP2003/004999)  
[87] 2003-11-27 (WO2003/097590)  
[30] DE (102 22 104.9) 2002-05-17

[21] **2,468,431**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7C12P 19/34 7G01N 33/53**  
[25] EN  
[54] **A BLOOD-BASED ASSAY FOR DYSFERLINOPATHIES**  
[54] **DOSAGE SANGUIN PERMETTANT DE DECELER DES DYSFERLINOPATHIES**  
[72] BROWN, ROBERT H., JR., US  
[72] HO, MENG F., US  
[72] ILLA, ISABEL, ES  
[72] GALLARDO, EDUARDO, ES  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[71] FUNDACIO DE GESTIO SANITARIA HOSPITAL SANTA CREU, ES  
[85] 2004-05-26  
[86] 2002-11-27 (PCT/US2002/038010)  
[87] 2003-06-05 (WO2003/046224)  
[30] US (60/333,895) 2001-11-28

[21] **2,468,448**  
[13] A1

[51] **Int.Cl. 7C07D 243/24 7C07D 401/14 7C07D 403/14 7C07D 405/14 7A61K 31/5513**  
[25] EN  
[54] **BENZODIAZEPINE DERIVATIVES, PREPARATION THEREOF AND USE THEREOF**  
[54] **DERIVES DE LA BENZODIAZEPINE, LEUR PREPARATION ET LEUR UTILISATION**  
[72] SANTHAKUMAR, VIJAYARATNAM, CA  
[72] LEUNG, CARMEN, CA  
[72] WOO, SIMON, CA  
[72] TOMASZEWSKI, MIROSLAW, CA  
[71] ASTRAZENECA AB, SE  
[85] 2004-05-26  
[86] 2002-12-11 (PCT/SE2002/002306)  
[87] 2003-06-26 (WO2003/051274)  
[30] SE (0104250-6) 2001-12-14

[21] **2,468,459**  
[13] A1

[51] **Int.Cl. 7F02G 1/043 7H02J 9/04**  
[25] EN  
[54] **A DOMESTIC COMBINED HEAT AND POWER UNIT**  
[54] **BLOC D'ALIMENTATION ELECTRIQUE ET DE GENERATION DE CHALEUR COMBINEES A USAGE DOMESTIQUE**  
[72] ROBERTS, GRAHAM RICHARD, GB  
[72] FRANCIS, GEORGE MCCHESENEY, GB  
[72] CLARK, DAVID ANTHONY, GB  
[72] ALDRIDGE, WAYNE KENNETH, GB  
[72] ALLDERIDGE, HEATHER, GB  
[71] MICROGEN ENERGY LIMITED, GB  
[85] 2004-06-03  
[86] 2002-12-18 (PCT/GB2002/005774)  
[87] 2003-09-18 (WO2003/076857)  
[30] GB (0130530.9) 2001-12-20

## Demandes PCT entrant en phase nationale

[21] **2,468,482**  
[13] A1

[51] **Int.Cl. 7H02N 6/00 7H02N 3/00**  
[25] EN  
[54] **SOLAR ENERGY CONVERTER AND SOLAR ENERGY CONVERSION SYSTEM**  
[54] **CONVERTISSEUR D'ENERGIE SOLAIRE ET SYSTEME DE CONVERSION D'ENERGIE SOLAIRE**  
[72] AKAMATSU, NORIO, JP  
[71] NISHIKADO, HIROSHI, JP  
[71] AKAMATSU, NORIO, JP  
[85] 2004-06-04  
[86] 2002-10-16 (PCT/JP2002/010763)  
[87] 2003-06-26 (WO2003/052917)  
[30] JP (2001-381915) 2001-12-14

[21] **2,468,499**  
[13] A1

[51] **Int.Cl. 7A61K 38/18**  
[25] EN  
[54] **ERYTHROPOIETIN DOSING REGIMEN FOR TREATING ANEMIA**  
[54] **SCHEMA DE DOSAGE D'ERYTHROPOIETINE POUR TRAITER L'ANEMIE**  
[72] FARRELL, FRANCIS, US  
[71] ORTHO-MCNEIL PHARMACEUTICAL INC., US  
[85] 2004-05-27  
[86] 2002-11-26 (PCT/US2002/037982)  
[87] 2003-06-05 (WO2003/045423)  
[30] US (60/333,958) 2001-11-28

[21] **2,468,501**  
[13] A1

[51] **Int.Cl. 7A61K 38/48 7C12N 9/48 7C12N 15/57**  
[25] EN  
[54] **T-CELL EPITODES IN CARBOXYPEPTIDASE G2**  
[54] **EPITODES DE LYMPHOCYTES T DANS LA CARBOXYPEPTIDASE G2**  
[72] CARR, FRANCIS J., GB  
[72] WILLIAMS, STEVEN, GB  
[72] BAKER, MATTHEW, GB  
[72] HELLENDORRN, KOEN, GB  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2004-05-27  
[86] 2002-11-27 (PCT/EP2002/013351)  
[87] 2003-06-05 (WO2003/045426)  
[30] EP (01128519.4) 2001-11-29  
[30] EP (02001778.6) 2002-01-25  
[30] EP (02020634.8) 2002-09-13

[21] **2,468,511**  
[13] A1

[51] **Int.Cl. 7C12N 13/00 7A61N 1/32**  
[25] EN  
[54] **A METHOD FOR COMBINED SEQUENTIAL AGENT DELIVERY AND ELECTROPORATION FOR CELL STRUCTURES AND USE THEREOF**  
[54] **PROCEDE SERVANT A COMBINER L'ADMINISTRATION SEQUENTIELLE D'UN AGENT ET L'ELECTROPORATION DE STRUCTURES CELLULAIRES ET MISE EN APPLICATION**  
[72] ORWAR, OWE, SE  
[72] KARLSSON, MATTIAS, SE  
[72] NOLKRANTZ, KERSTIN, SE  
[72] FARRE, CECILIA, SE  
[71] CELLECTRICON AB, SE  
[85] 2004-05-25  
[86] 2002-11-27 (PCT/SE2002/002193)  
[87] 2003-06-05 (WO2003/046171)  
[30] SE (0103957-7) 2001-11-27

[21] **2,468,513**  
[13] A1

[51] **Int.Cl. 7G01N 33/48 7G01N 21/25**  
[25] EN  
[54] **METHOD FOR QUANTITATIVE HEMOGLOBIN DETERMINATION IN UNDILUTED UNHEMOLYZED WHOLE BLOOD**  
[54] **PROCEDE DE MESURE QUANTITATIVE DE L'HEMOGLOBINE DANS UN SANG ENTIER NON HEMOLYSE NON DILUE**  
[72] PETTERSSON, JOAKIM, SE  
[72] SVENSSON, JOHNNY, SE  
[71] HEMOCUE AB, SE  
[85] 2004-05-25  
[86] 2002-12-20 (PCT/SE2002/002412)  
[87] 2003-07-10 (WO2003/056327)  
[30] SE (0104443-7) 2001-12-28

[21] **2,468,548**  
[13] A1

[51] **Int.Cl. 7A61K 47/32 7A61K 48/00 7A61K 47/30 7A61K 47/48 7A61K 31/7088**  
[25] EN  
[54] **POLYCATIONIC WATER SOLUBLE COPOLYMER AND METHOD FOR TRANSFERRING POLYANIONIC MACROMOLECULES ACROSS BIOLOGICAL BARRIERS**  
[54] **COPOLYMERE POLYCATIONIQUE HYDROSOLUBLE ET PROCEDE DE PASSAGE DE MACROMOLECULES POLYANIONIQUES A TRAVERS DES BARRIERES BIOLOGIQUES**  
[72] WANG, LAIXIN, US  
[71] GENTA SALUS LLC, US  
[85] 2004-05-27  
[86] 2002-06-26 (PCT/US2002/020565)  
[87] 2003-06-05 (WO2003/046185)  
[30] US (09/996,507) 2001-11-28

[21] **2,468,552**  
[13] A1

[51] **Int.Cl. 7C07H 19/24 7A61P 37/02 7A61K 31/7052**  
[25] EN  
[54] **3-BETA-D-RIBOFURANOSYLTHIAZOLO[4,5-D]PYRIDIMINE NUCLEOSIDES AND USES THEREOF**  
[54] **NUCLEOSIDES 3-SG(B)-D-RIBOFURANOSYLTHIAZOLO[4,5-D]PYRIDIMINE, ET LEURS UTILISATIONS**  
[72] WEBBER, STEPHEN E., US  
[72] AVERETT, DEVRON R., US  
[72] RUEDEN, ERIK J., US  
[72] LENNOX, JOSEPH R., US  
[71] ANADYS PHARMACEUTICALS, INC., US  
[85] 2004-05-26  
[86] 2002-11-27 (PCT/US2002/038001)  
[87] 2003-06-05 (WO2003/045968)  
[30] US (60/333,460) 2001-11-27

## PCT Applications Entering the National Phase

---

[21] **2,468,555**  
[13] A1  
[51] **Int.Cl. 7B65D 83/16 7B65D 83/14**  
[25] EN  
[54] **VALVE ELEMENTS FOR PRESSURIZED CONTAINERS AND ACTUATING ELEMENTS THEREFOR**  
[54] **ELEMENTS DE SOUPAPES POUR RECIPIENTS SOUS PRESSION ET ELEMENTS D'ACTIONNEMENT CORRESPONDANTS**  
[72] SZYMCAZAK, THOMAS J., US  
[72] MICHAELS, KENNETH W., US  
[72] FURNER, PAUL E., US  
[72] KUNESH, EDWARD J., US  
[72] MATHER, DAVID P., US  
[72] HOUSER, DAVID J., US  
[72] MCCRACKEN, WILLIAM E., US  
[71] S. C. JOHNSON & SON, INC., US  
[85] 2004-05-26  
[86] 2002-11-27 (PCT/US2002/038002)  
[87] 2003-06-05 (WO2003/045819)  
[30] US (09/995,063) 2001-11-27

---

[21] **2,468,566**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 29/06**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ASSIGNING CALL PRIORITY BASED ON THE CALL DESTINATION**  
[54] **SYSTEME ET PROCEDE D'AFFECTATION DE PRIORITE D'APPELS EN FONCTION DE LA DESTINATION DE CES DERNIERS**  
[72] PATEL, LABHESH, US  
[72] MUKHERJI, ARIJIT, US  
[72] SHAFFER, SHMUEL, US  
[72] WAKERLY, JOHN F., US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-05-27  
[86] 2002-12-11 (PCT/US2002/039404)  
[87] 2003-07-17 (WO2003/058895)  
[30] US (10/039,157) 2001-12-31

---

[21] **2,468,570**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR GENETIC CLASSIFICATION**  
[54] **METHODES ET APPAREIL DESTINE A ETRE UTILISE DANS LA CLASSIFICATION GENETIQUE, NOTAMMENT DANS L'ANALYSE ARBORESCENTE D'UNE CLASSIFICATION**  
[72] FRUDAKIS, TONY NICK, US  
[71] DNAPRINT GENOMICS, INC., US  
[85] 2004-06-01  
[86] 2002-12-02 (PCT/US2002/038309)  
[87] 2003-06-12 (WO2003/048999)  
[30] US (60/338,734) 2001-12-03

---

[21] **2,468,579**  
[13] A1  
[51] **Int.Cl. 7C12N 15/29**  
[25] EN  
[54] **NUCLEIC ACIDS RELATED TO PLANT RETROELEMENTS**  
[54] **ACIDES NUCLEIQUES APPARENTES A DES RETRO-ELEMENTS**  
[72] WRIGHT, DAVID A., US  
[72] VOYTAS, DANIEL F., US  
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US  
[85] 2004-06-07  
[86] 2002-12-10 (PCT/US2002/039397)  
[87] 2003-06-19 (WO2003/050259)  
[30] US (60/339,060) 2001-12-10

---

[21] **2,468,647**  
[13] A1  
[51] **Int.Cl. 7B62D 29/00 7B62D 29/04**  
[25] EN  
[54] **STRUCTURAL REINFORCEMENT PARTS FOR AUTOMOTIVE ASSEMBLY**  
[54] **PARTIES DE RENFORT STRUCTURELLES DESTINEES A UN ASSEMBLAGE DE VOITURE**  
[72] MCLEOD, DAVID G., US  
[72] SAID, KOUSAY M., US  
[72] LAWREY, GARY R., US  
[72] JURAS, PAUL E., US  
[71] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 2004-05-27  
[86] 2002-11-22 (PCT/US2002/037584)  
[87] 2003-06-12 (WO2003/047951)  
[30] US (09/998,093) 2001-11-29

---

[21] **2,468,649**  
[13] A1  
[51] **Int.Cl. 7C07D 487/14 7A61P 25/00 7A61K 31/505**  
[25] EN  
[54] **ADENOSINE A2A RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DU RECEPTEUR A2A D'ADENOSINE**  
[72] BOYLE, CRAIG D., US  
[72] CHACKALAMANNIL, SAMUEL, US  
[72] XIA, YAN, US  
[72] SHAH, UNMESH G., US  
[72] GREENLEE, WILLIAM J., US  
[71] SCHERING CORPORATION, US  
[85] 2004-05-27  
[86] 2002-11-26 (PCT/US2002/037710)  
[87] 2003-06-12 (WO2003/048165)  
[30] US (60/334,342) 2001-11-30

---

[21] **2,468,657**  
[13] A1  
[51] **Int.Cl. 7G06F 3/00 7G06F 13/00 7H04N 5/445**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DISPLAYING EDITORIAL CONTENT THROUGH TELEVISION NAVIGATION CONTROLS AND ELECTRONIC PROGRAM GUIDES**  
[54] **SYSTEME ET PROCEDE D'AFFICHAGE DE CONTENU REDACTIONNEL VIA LES COMMANDES DE NAVIGATION DE TELEVISION ET LES GUIDES ELECTRONIQUES DE PROGRAMMES**  
[72] PALAZZO, FRANCIS D., US  
[72] PLOTNICK, BRUCE, US  
[72] D'SOUZA, ERROL, US  
[71] TVGATEWAY LLC., US  
[85] 2004-05-27  
[86] 2002-12-12 (PCT/US2002/040010)  
[87] 2003-06-26 (WO2003/052572)  
[30] US (10/022,650) 2001-12-17

## Demandes PCT entrant en phase nationale

[21] **2,468,658**  
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61P 25/00 7A61K 31/505**  
[25] EN  
[54] **[1,2,4]-TRIAZOLE BICYCLIC ADENOSINE A2A RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DU RECEPTEUR A2A D'ADENOSINE BICYCLIQUE DE [1,2,4]-TRIAZOLE**  
[72] LIU, HONG, US  
[72] NEUSTADT, BERNARD R., US  
[71] SCHERING CORPORATION, US  
[85] 2004-05-27  
[86] 2002-11-26 (PCT/US2002/037915)  
[87] 2003-06-12 (WO2003/048163)  
[30] US (60/334,385) 2001-11-30

[21] **2,468,659**  
[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 235/00 7A61P 31/12 7A61K 31/437**  
[25] EN  
[54] **UREA SUBSTITUTED IMIDAZOPYRIDINES**  
[54] **IMIDAZOPYRIDINES A SUBSTITUTION UREE**  
[72] HARALDSON, CHAD A., US  
[72] LINDSTROM, KYLE J., US  
[72] MERRILL, BRYON A., US  
[72] DELLARIA, JOSEPH F., JR., US  
[72] HEPPNER, PHILIP D., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-05-27  
[86] 2002-06-07 (PCT/US2002/018284)  
[87] 2003-06-19 (WO2003/050119)  
[30] US (10/016,073) 2001-12-06

[21] **2,468,661**  
[13] A1

[51] **Int.Cl. 7C03C 27/04 7B08B 7/00 7C09J 5/02**  
[25] EN  
[54] **METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER**  
[54] **PROCEDE DE COLLAGE D'UNE FENETRE SUR UN SUBSTRAT SANS EMPLOI D'APPRET**  
[72] HEBERER, DANIEL P., US  
[72] SAMURKAS, ANDON, US  
[72] TOBIN, SEAN C., US  
[72] WU, ZIYAN, US  
[71] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 2004-05-27  
[86] 2002-11-26 (PCT/US2002/037936)  
[87] 2003-06-12 (WO2003/048067)  
[30] US (60/334,133) 2001-11-29

[21] **2,468,663**  
[13] A1

[51] **Int.Cl. 7H04B 7/06**  
[25] EN  
[54] **METHOD AND BASE STATION FOR PROVIDING PHASE-SHIFT TRANSMIT DIVERSITY**  
[54] **PROCEDE ET STATION DE BASE ASSURANT UNE DIVERSITE D'EMISSION A DEPHASAGE**  
[72] SHPERLING, ITZHAK, IL  
[72] BONDARENKO, SERGEY, IL  
[72] BARASH, SHLOMO, IL  
[72] MEIDAN, REUVEN, IL  
[71] MOTOROLA, INC., US  
[85] 2004-05-27  
[86] 2002-11-26 (PCT/US2002/038082)  
[87] 2003-07-03 (WO2003/055097)  
[30] US (10/008,332) 2001-12-06

[21] **2,468,666**  
[13] A1

[51] **Int.Cl. 7H01M 8/10 7H01M 4/64**  
[25] EN  
[54] **METAL CURRENT COLLECT PROTECTED BY OXIDE FILM**  
[54] **COLLECTE METALLIQUE DE COURANT PROTEGEE PAR UN FILM D'OXYDE**  
[72] DE JONGHE, LUTGARD C., US  
[72] VISCO, STEVEN J., US  
[72] JACOBSON, CRAIG P., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2004-05-27  
[86] 2002-12-18 (PCT/US2002/040704)  
[87] 2003-06-26 (WO2003/052858)  
[30] US (60/343,330) 2001-12-18

[21] **2,468,667**  
[13] A1

[51] **Int.Cl. 7G06F 15/16**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IDENTIFYING AND ACCESSING NETWORK SERVICES**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'IDENTIFIER DES SERVICES DE RESEAU ET D'Y ACCEDER**  
[72] LAHTI, JERRY, HU  
[71] NOKIA CORPORATION, FI  
[85] 2004-05-28  
[86] 2002-11-21 (PCT/IB2002/004884)  
[87] 2003-06-05 (WO2003/046742)  
[30] US (09/998,367) 2001-11-29

[21] **2,468,669**  
[13] A1

[51] **Int.Cl. 7G06F 3/00 7G06F 13/00 7G06F 15/16 7H04N 5/445 7G06F 17/60**  
[25] EN  
[54] **METADATA STRUCTURE FOR PROVIDING ACCESS TO EPG FEATURES FROM WITHIN BROADCAST ADVERTISEMENTS**  
[54] **STRUCTURE DE METADONNEES DESTINEE A FOURNIR UN ACCES A DES FONCTIONS EPG A PARTIR D'ANNONCES PUBLICITAIRES DIFFUSEES**  
[72] PALAZZO, FRANCIS D., US  
[72] BOYARSKI, JOEL I., US  
[72] PLOTNICK, BRUCE, US  
[71] TVGATEWAY LLC., US  
[85] 2004-05-27  
[86] 2002-12-12 (PCT/US2002/040164)  
[87] 2003-06-26 (WO2003/053041)  
[30] US (10/022,651) 2001-12-17

[21] **2,468,693**  
[13] A1

[51] **Int.Cl. 7A01K 89/01 7A01K 89/00**  
[25] EN  
[54] **FISHING REEL**  
[54] **MOULINET DE PECHE**  
[72] MAEDER, ANDREW, NZ  
[71] STRIKE TECHNOLOGY LIMITED, NZ  
[85] 2004-05-27  
[86] 2001-12-04 (PCT/NZ2001/000266)  
[87] 2002-06-13 (WO2002/045502)  
[30] NZ (508732) 2000-12-08

## PCT Applications Entering the National Phase

[21] **2,468,699**  
[13] A1

[51] **Int.Cl. 7C08L 63/00 7C08G 59/62**  
[25] EN  
[54] **POWDERED EPOXY COMPOSITION**  
[54] **COMPOSITION EPOXY EN POUVRE**  
[72] GUILBERT, CURTIS R., US  
[72] HANSSEN, NEIL L., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-05-28  
[86] 2002-10-22 (PCT/US2002/033692)  
[87] 2003-07-17 (WO2003/057780)  
[30] US (10/034,534) 2001-12-27

[21] **2,468,710**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **CHROMOSOMAL SATURATION MUTAGENESIS**  
[54] **MUTAGENESE A SATURATION CHROMOSOMIQUE**  
[72] CAYOUILLE, MICHELLE, US  
[72] SHORT, JAY M., US  
[71] DIVERSA CORPORATION, US  
[85] 2004-05-27  
[86] 2002-12-03 (PCT/US2002/038587)  
[87] 2003-06-12 (WO2003/048329)  
[30] US (60/336,567) 2001-12-03

[21] **2,468,717**  
[13] A1

[51] **Int.Cl. 7C07H 19/23 7C07H 7/033 7C07H 13/12 7A61P 25/34 7A61K 31/706**  
[25] EN  
[54] **ARYL FUSED AZAPOLYCYCLIC COMPOUNDS**  
[54] **COMPOSES AZAPOLYCYCLIQUES A FUSION ARYLE**  
[72] OBACH, RONALD SCOTT, US  
[72] HAGEN, ANNE ELIZABETH, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-05-28  
[86] 2002-11-18 (PCT/IB2002/004820)  
[87] 2003-06-05 (WO2003/045967)  
[30] US (60/334,502) 2001-11-30

[21] **2,468,729**  
[13] A1

[51] **Int.Cl. 7E21B 29/00**  
[25] EN  
[54] **REVERSE SECTION MILLING METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE FRAISAGE DE SECTION INVERSE**  
[72] DAVIS, JOHN PHILLIP, US  
[72] LYNDE, GERALD D., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-05-28  
[86] 2002-11-20 (PCT/US2002/037061)  
[87] 2003-06-12 (WO2003/048510)  
[30] US (60/338,458) 2001-11-30  
[30] US (10/123,077) 2002-04-11

[21] **2,468,726**  
[13] A1

[51] **Int.Cl. 7B67D 5/60**  
[25] EN  
[54] **WIRE FRAME MOUNTING STRUCTURE FOR ORNAMENTS WITHIN A CONTAINER**  
[54] **STRUCTURE DE MONTAGE EN FIL METALLIQUE POUR ORNEMENTS A L'INTERIEUR D'UN CONTENANT**  
[72] BITTON, MARY KAY, US  
[71] BITTON, MARY KAY, US  
[85] 2004-05-28  
[86] 2002-11-27 (PCT/US2002/038294)  
[87] 2003-06-12 (WO2003/048030)  
[30] US (09/998,744) 2001-11-30

[21] **2,468,728**  
[13] A1

[51] **Int.Cl. 7C07C 217/74 7C07C 213/00**  
[25] EN  
[54] **CRYSTALLINE VENLAFAXINE BASE AND NOVEL POLYMORPHS OF VENLAFAXINE HYDROCHLORIDE, PROCESSES FOR PREPARING THEREOF**  
[54] **BASE CRISTALLINE DE VENLAFAXINE ET NOUVEAUX POLYMORPHES DU CHLORHYDRATE DE VENLAFAXINE ET PROCEDES DE PREPARATION**  
[72] ARONHIME, JUDITH, IL  
[72] NISNEVICH, GENNADY A., IL  
[72] DOLITZKY, BEN-ZION, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
[85] 2004-05-28  
[86] 2002-11-20 (PCT/US2002/037268)  
[87] 2003-06-12 (WO2003/048082)  
[30] US (10/000,428) 2001-11-30

[21] **2,468,730**  
[13] A1

[51] **Int.Cl. 7E21B 34/10**  
[25] EN  
[54] **CLOSURE MECHANISM WITH INTEGRATED ACTUATOR FOR SUBSURFACE VALVES**  
[54] **MECANISME DE FERMETURE A COMMANDE INTEGREE DESTINE A DES SOUPAPES DE SUBSURFACE**  
[72] TROTT, DOUG, US  
[72] MCMAHON, DAVID R., US  
[72] SHAW, BRIAN, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-05-28  
[86] 2002-11-25 (PCT/US2002/037783)  
[87] 2003-06-12 (WO2003/048517)  
[30] US (60/334,321) 2001-11-30

[21] **2,468,731**  
[13] A1

[51] **Int.Cl. 7E21B 43/119**  
[25] EN  
[54] **INTERNALLY ORIENTED PERFORATING SYSTEM**  
[54] **SYSTEME DE PERFORATION A ORIENTATION INTERNE**  
[72] SLOAN, MARK L., US  
[72] RANTALA, ERICK R., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-05-28  
[86] 2002-11-27 (PCT/US2002/038184)  
[87] 2003-06-12 (WO2003/048523)  
[30] US (10/021,799) 2001-11-30

[21] **2,468,732**  
[13] A1

[51] **Int.Cl. 7E21B 49/00 7E21B 21/08 7E21B 43/26**  
[25] EN  
[54] **METHOD FOR FORMATION PRESSURE CONTROL WHILE DRILLING**  
[54] **PROCEDE SERVANT A CONTROLER LA PRESSION D'UNE FORMATION PENDANT LE FORAGE**  
[72] KOTARA, ERNEST BENEDICT, US  
[72] VON EBERSTEIN, WILLIAM HENRY JR., US  
[72] VAN OORT, ERIC, US  
[72] WEAVER, MARK ALLEN, US  
[72] MAYO, GEORGE HERBERT, US  
[71] SHELL CANADA LIMITED, CA  
[85] 2004-05-28  
[86] 2002-12-03 (PCT/US2002/038509)  
[87] 2003-06-12 (WO2003/048525)  
[30] US (60/337,009) 2001-12-03

## Demandes PCT entrant en phase nationale

[21] **2,468,735**  
[13] A1

[51] **Int.Cl. 7G01V 3/00**  
[25] EN  
[54] **NMR APPARATUS FOR OIL WELL LOGGING OF LARGE AND SMALL DIAMETER WELLS**  
[54] **APPAREIL A RESONANCE MAGNETIQUE NUCLEAIRE POUR DIAGRAPHIE DE PUIITS DE GRAND ET PETIT DIAMETRE**  
[72] REIDERMAN, ARCADY, US  
[72] BEARD, DAVID R., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-05-28  
[86] 2002-11-25 (PCT/US2002/037639)  
[87] 2003-06-12 (WO2003/048811)  
[30] US (09/997,451) 2001-11-30

[21] **2,468,736**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **INTEGRATED INVOICE SOLUTION**  
[54] **SOLUTION DE FACTURATION INTREGREE**  
[72] GINGRICH, JOHN C., US  
[72] BARBER, ROBERT T., US  
[72] SCOLINI, ANTHONY J., US  
[72] TIBBETTS, STEVEN P., US  
[71] ACCENTURE GLOBAL SERVICES GMBH, CH  
[85] 2004-05-28  
[86] 2002-11-27 (PCT/US2002/038022)  
[87] 2003-06-12 (WO2003/048899)  
[30] US (60/334,065) 2001-11-30  
[30] US (10/285,000) 2002-10-30

[21] **2,468,737**  
[13] A1

[51] **Int.Cl. 7C25C 3/20**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE DETECTION DES EFFETS D'ANODE D'UNE CELLULE D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM**  
[54] **METHOD AND DEVICE FOR DETECTING ANODE EFFECTS OF AN ELECTROLYTIC CELL FOR ALUMINIUM PRODUCTION**  
[72] DELCLOS, CHRISTIAN, FR  
[72] BONNARDEL, OLIVIER, NL  
[71] ALUMINIUM PECHINEY, FR  
[85] 2004-05-28  
[86] 2002-12-04 (PCT/FR2002/004163)  
[87] 2003-06-12 (WO2003/048426)  
[30] FR (01/15871) 2001-12-07

[21] **2,468,738**  
[13] A1

[51] **Int.Cl. 7C10M 169/04 7C10M 101/00 7C10M 131/10 7C10M 135/36 7C10M 133/42 7C10M 133/48**  
[25] EN  
[54] **PREVENTION OF MICROBIAL GROWTH IN METAL WORKING FLUIDS**  
[54] **PREVENTION CONTRE LA CROISSANCE MICROBIENNE DANS DES LIQUIDES DE TRAVAIL DU METAL**  
[72] CHAPMAN, STEPHEN DAVID, GB  
[72] NETTLESHIP, CHRISTOPHER JOHN, GB  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2004-05-28  
[86] 2002-11-26 (PCT/GB2002/005321)  
[87] 2003-06-12 (WO2003/048283)  
[30] GB (0128502.2) 2001-11-28  
[30] GB (0215454.0) 2002-07-03

[21] **2,468,740**  
[13] A1

[51] **Int.Cl. 7D21H 17/01 7D21H 21/16**  
[25] EN  
[54] **PAPERMAKING PROCESS USING ENZYME-TREATED SLUDGE, AND PRODUCTS**  
[54] **PROCEDE DE FABRICATION DE PAPIER FAISANT APPEL A UNE BOUILLIE TRAITEE PAR DES ENZYMES, ET PRODUITS ASSOCIES**  
[72] HILL, WALTER B., JR., US  
[72] GLOVER, DANIEL E., US  
[72] FITZHENRY, JAMES W., US  
[72] TURNBULL, ROBERT J., US  
[72] HOEKSTRA, PHILIP M., US  
[72] HART, BRIAN G., US  
[72] LOTT, LOWELL F., US  
[71] BUCKMANN LABORATORIES INTERNATIONAL, INC., US  
[85] 2004-05-28  
[86] 2002-11-26 (PCT/US2002/037898)  
[87] 2003-06-12 (WO2003/048454)  
[30] US (09/996,516) 2001-11-29

[21] **2,468,741**  
[13] A1

[51] **Int.Cl. 7C09K 7/00 7E21B 33/138**  
[25] EN  
[54] **ACID SOLUBLE, HIGH FLUID LOSS PILL FOR LOST CIRCULATION**  
[54] **PILULE ACIDO-SOLUBLE A PERTE DE FLUIDE ELEVEE POUR PERTE DE CIRCULATION**  
[72] JARRETT, MICHAEL A., US  
[72] CLAPPER, DENNIS K., US  
[72] HALLIDAY, WILLIAM S., US  
[72] CARR, MICHELLE, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-05-28  
[86] 2002-11-27 (PCT/US2002/037978)  
[87] 2003-06-12 (WO2003/048266)  
[30] US (09/997,830) 2001-11-30

[21] **2,468,743**  
[13] A1

[51] **Int.Cl. 7G01N 1/10 7B05D 5/00 7B01L 3/00 7G01N 1/00 7B01L 3/02 7G01N 15/06 7C12Q 1/68**  
[25] EN  
[54] **DIRECT WRITE NANOLITHOGRAPHIC DEPOSITION OF NUCLEIC ACIDS FROM NANOSCOPIC TIPS**  
[54] **DEPOT PAR ECRITURE DIRECTE NANOLITHOGRAPHIQUE D'ACIDES NUCLEIQUES A PARTIR DE POINTES NANOSCOPIQUES**  
[72] DEMERS, M. LINETTE, US  
[72] GINGER, DAVID S., US  
[72] MIRKIN, CHAD A., US  
[71] NORTHWESTERN UNIVERSITY, US  
[85] 2004-05-28  
[86] 2002-12-02 (PCT/US2002/038252)  
[87] 2003-06-12 (WO2003/048314)  
[30] US (60/337,598) 2001-11-30  
[30] US (60/362,924) 2002-03-07

[21] **2,468,744**  
[13] A1

[51] **Int.Cl. 7C07K 16/46 7C07K 1/00 7A61K 39/395**  
[25] EN  
[54] **HYBRID ANTIBODIES**  
[54] **ANTICORPS HYBRIDES**  
[72] ROTHER, RUSSELL, US  
[72] WU, DAYANG, US  
[71] ALEXION PHARMACEUTICALS, INC., US  
[85] 2004-05-28  
[86] 2002-12-03 (PCT/US2002/038450)  
[87] 2003-06-12 (WO2003/048321)  
[30] US (60/336,591) 2001-12-03

## PCT Applications Entering the National Phase

[21] **2,468,745**  
[13] A1

[51] **Int.Cl. 7C07C 59/54 7A61P 35/00**  
7C07C 65/17 7C07C 233/18 7A61K 31/192  
7A61K 31/353 7A61K 31/404 7C07D 209/  
42 7C07C 217/54 7C07C 59/56 7C07C 59/  
72 7C07D 311/74 7C07D 311/82

[25] EN  
[54] **INDUCTION OF APOPTOSIS IN  
CANCER CELLS**  
[54] **INDUCTION DE L' APOPTOSE  
DANS LES CELLULES CANCEREUSES**

[72] DAWSON, MARCIA I., US  
[72] ZHANG, XIAO-KUN, US  
[72] FONTANA, JOSEPH A., US  
[72] LEID, MARK, US  
[72] JONG, LING, US  
[72] HOBBS, PETER D., US  
[71] THE BURNHAM INSTITUTE, US  
[71] DAWSON, MARCIA I., US  
[71] ZHANG, XIAO-KUN, US  
[71] FONTANA, JOSEPH A., US  
[71] LEID, MARK, US  
[71] JONG, LING, US  
[71] HOBBS, PETER D., US

[85] 2004-05-28  
[86] 2002-12-02 (PCT/US2002/038506)  
[87] 2003-06-12 (WO2003/048101)  
[30] US (60/334,081) 2001-11-30  
[30] US (60/406,252) 2002-08-26

[21] **2,468,746**  
[13] A1

[51] **Int.Cl. 7A61F 2/38**

[25] EN  
[54] **ENDOPROSTHESIS OF THE KNEE  
AND / OR OTHER JOINTS**  
[54] **ENDOPROTHESE DU GENOU ET/  
OU D' AUTRES ARTICULATIONS**

[72] SIFNEOS, DIMITRIOS, GR  
[71] SIFNEOS, DIMITRIOS, GR

[85] 2004-05-28  
[86] 2002-12-09 (PCT/GR2002/000065)  
[87] 2003-06-19 (WO2003/049650)  
[30] GR (20010100585) 2001-12-11

[21] **2,468,747**  
[13] A1

[51] **Int.Cl. 7A61K 31/425**

[25] EN  
[54] **USE OF PRAMIPEXOLE TO  
TREAT AMYOTROPHIC LATERAL  
SCLEROSIS**  
[54] **UTILISATION DE PRAMIPEXOLE  
POUR TRAITER LA SCLEROSE  
LATERALE AMYOTROPHIQUE**

[72] BENNETT, JAMES P., JR., US  
[71] UNIVERSITY OF VIRGINIA PATENT  
FOUNDATION, US

[85] 2004-05-28  
[86] 2002-12-02 (PCT/US2002/039970)  
[87] 2003-06-19 (WO2003/049705)  
[30] US (60/339,383) 2001-12-11  
[30] US (60/347,371) 2002-01-11

[21] **2,468,748**  
[13] A1

[51] **Int.Cl. 7A61K 31/567 7A61K 31/138**  
7A61P 15/18 7A61P 25/24

[25] EN  
[54] **ORAL CONTRACEPTIVES TO  
PREVENT PREGNANCY AND  
DIMINISH PREMENSTRUAL  
SYMPTOMATOLOGY**  
[54] **CONTRACEPTIFS ORAUX POUR  
EVITER LES GROSSESSES ET  
DIMINUER LA SYMPTOMATOLOGIE  
PREMENSTRUELLE**

[72] BELL, ROBERT G., US  
[72] BEN-MAIMON, CAROLE, US  
[72] ISKOLD, BEATA, US  
[71] BARR LABORATORIES, INC., US

[85] 2004-05-28  
[86] 2002-12-04 (PCT/US2002/038602)  
[87] 2003-06-19 (WO2003/049744)  
[30] US (60/335,807) 2001-12-05

[21] **2,468,749**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 11/02**  
7A61K 31/335 7A61K 31/451 7A61K 31/  
551 7A61K 31/575

[25] EN  
[54] **USE OF AN HI ANTAGONIST AND  
A SAFE STEROID TO TREAT RHINITIS**  
[54] **UTILISATION D' UN  
ANTAGONISTE HI ET D' UN STEROIDE  
INOFFENSIF POUR TRAITER LA  
RHINITE**

[72] MILLER, STEVEN T., US  
[72] GAMACHE, DANIEL A., US  
[72] YANNI, JOHN M., US  
[71] ALCON, INC., CH

[85] 2004-05-28  
[86] 2002-11-18 (PCT/US2002/036915)  
[87] 2003-06-19 (WO2003/049770)  
[30] US (60/337,371) 2001-12-05

[21] **2,468,750**  
[13] A1

[51] **Int.Cl. 7A61N 1/30**

[25] EN  
[54] **AUTOMATIC  
ELECTROPORATION OPTIMIZATION  
SYSTEM**  
[54] **SYSTEME D' OPTIMISATION  
D' ELECTROPORATION  
AUTOMATIQUE**

[72] RAGSDALE, CHARLES W., US  
[72] KASTE, KEITH, US  
[72] HEISER, WILLIAM C., US  
[72] CHIU, TONY, US  
[72] MOORE, JULIE K., US  
[71] BIO-RAD LABORATORIES, INC., US

[85] 2004-05-28  
[86] 2002-12-06 (PCT/US2002/039129)  
[87] 2003-06-19 (WO2003/049806)  
[30] US (60/337,095) 2001-12-06

[21] **2,468,751**  
[13] A1

[51] **Int.Cl. 7A63F 13/00**

[25] EN  
[54] **LOTTERY TICKET  
DISTRIBUTION SYSTEM**  
[54] **DISTRIBUTEUR DE TICKETS DE  
LOTERIE**

[72] ENZMINGER, JOSEPH R., US  
[72] LOEBIG, GARY L., US  
[72] LIND, JEFFERSON C., US  
[72] GRAVES, GORDON T., US  
[72] LIND, CLIFTON, US  
[71] MULTIMEDIA GAMES, INC., US

[85] 2004-05-28  
[86] 2002-11-22 (PCT/US2002/037535)  
[87] 2003-06-19 (WO2003/049827)  
[30] US (10/021,396) 2001-12-07

## Demandes PCT entrant en phase nationale

[21] **2,468,752**  
[13] A1

[51] **Int.Cl. 7B60G 7/02 7F16B 43/00 7B62D 17/00**  
[25] EN  
[54] **POSITIVE SHIM LOCKING SYSTEM FOR SUSPENSION ADJUSTMENT DEVICE**  
[54] **SYSTEME DE VERROUILLAGE DE CALES PAR ENCLenchement POUR DISPOSITIF D'AJUSTEMENT DE SUSPENSION**  
[72] CHAMBERLIN, MICHAEL A., US  
[71] DANA CORPORATION, US  
[85] 2004-05-28  
[86] 2002-12-02 (PCT/US2002/038703)  
[87] 2003-06-19 (WO2003/049960)  
[30] US (10/008,969) 2001-12-07

[21] **2,468,755**  
[13] A1

[51] **Int.Cl. 7G01R 27/08 7C12M 1/42 7C12N 15/87**  
[25] EN  
[54] **RESISTANCE CIRCUIT STABILIZATION AND PULSE DURATION CONTROL SYSTEMS FOR ELECTROPORATION INSTRUMENTS**  
[54] **SYSTEMES DE COMMANDE DE DUREE D'IMPULSION ET DE STABILISATION DE MESURES DE RESISTANCE DE CIRCUIT POUR INSTRUMENTS D'ELECTROPORATION**  
[72] RAGSDALE, CHARLES W., US  
[72] CHIU, TONY, US  
[71] BIO-RAD LABORATORIES, INC., US  
[85] 2004-05-28  
[86] 2002-12-06 (PCT/US2002/039130)  
[87] 2003-06-19 (WO2003/050546)  
[30] US (60/337,103) 2001-12-06

[21] **2,468,756**  
[13] A1

[51] **Int.Cl. 7G02B 6/42**  
[25] EN  
[54] **OPTICAL INTERCONNECTION MODULE**  
[54] **MODULE D'INTERCONNEXION OPTIQUE**  
[72] BILLET, GILLES, FR  
[72] BURRY, JEAN-MICHEL, FR  
[71] IFOTEC, FR  
[71] OPTIQUE ET MICROSYSTEMES S.A., FR  
[85] 2004-05-28  
[86] 2002-12-10 (PCT/FR2002/004246)  
[87] 2003-06-19 (WO2003/050583)  
[30] FR (01/15940) 2001-12-10

[21] **2,468,757**  
[13] A1

[51] **Int.Cl. 7A61F 2/16**  
[25] EN  
[54] **DEVICE FOR FOLDING FLEXIBLE INTRAOCULAR IMPLANTS**  
[54] **DISPOSITIF DE PLIAGE D'IMPLANTS INTRAOCULAIRES SOUPLES**  
[72] JEANNIN, LIONEL, FR  
[72] VITALLY, GUY, FR  
[71] CORNEAL INDUSTRIE, FR  
[85] 2004-05-28  
[86] 2002-11-28 (PCT/FR2002/004081)  
[87] 2003-06-05 (WO2003/045286)  
[30] FR (01/15491) 2001-11-30

[21] **2,468,758**  
[13] A1

[51] **Int.Cl. 7B05D 1/24 7B05C 19/02**  
[25] FR  
[54] **PROCEDE DE RECOUVREMENT D'UN OBJET PAR UN FILM ET APPAREILLAGE POUR LA MISE EN OEUVRE DE CE PROCEDE**  
[54] **METHOD FOR COATING AN OBJECT WITH A FILM AND EQUIPMENT THEREFOR**  
[72] BERGOUNOU, MAURICE, CA  
[72] INCULET, ION, CA  
[72] PIERRU, NICOLAS, FR  
[72] ALLEN, JEAN-PHILIPPE, FR  
[71] ATOFINA, FR  
[85] 2004-05-28  
[86] 2002-11-29 (PCT/FR2002/004109)  
[87] 2003-06-05 (WO2003/045581)  
[30] FR (01/15439) 2001-11-29  
[30] FR (02/05554) 2002-05-03

[21] **2,468,759**  
[13] A1

[51] **Int.Cl. 7C08B 37/00 7C07B 45/00 7C07C 303/00 7C07C 309/00 7C08B 37/02**  
[25] FR  
[54] **PROCEDE DE SULFONATION DE COMPOSES COMPRENANT DES GROUPEMENTS HYDROXYLES (OH) LIBRES OU DES AMINES PRIMAIRES OU SECONDAIRES**  
[54] **METHOD FOR SULPHONATION OF COMPOUNDS COMPRISING FREE HYDROXYL (OH) GROUPS OR PRIMARY OR SECONDARY AMINES**  
[72] GARCIA-PAPY, DULCE, FR  
[72] BARBIER-CHASSEFIERE, VERONIQUE, FR  
[72] PETIT, EMMANUEL, FR  
[71] ORGANES, TISSUS: REGENERATION, REPARATION, REMPLACEMENT-OTR3, FR  
[85] 2004-05-28  
[86] 2002-11-28 (PCT/FR2002/004095)  
[87] 2003-06-05 (WO2003/046014)  
[30] FR (01/15444) 2001-11-29

[21] **2,468,760**  
[13] A1

[51] **Int.Cl. 7H01J 37/077 7H01J 3/02**  
[25] EN  
[54] **ELECTRON SOURCE**  
[54] **SOURCE D'ELECTRONS**  
[72] ARNAL, YVES ALBAN-MARIE, FR  
[72] LACOSTE, ANA, FR  
[72] PELLETIER, JACQUES, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2004-05-28  
[86] 2002-12-06 (PCT/FR2002/004223)  
[87] 2003-06-12 (WO2003/049139)  
[30] FR (01/15897) 2001-12-07

## PCT Applications Entering the National Phase

[21] **2,468,761**  
[13] A1  
[51] **Int.Cl. 7C07D 213/40 7A61P 35/00**  
7C07C 233/11 7C07C 275/14 7A61K 31/16  
7A61K 31/165 7C07C 311/17 7A61K 31/17  
7A61K 31/18 7C07C 275/28 7C07D 233/28  
7C07C 233/36 7C07D 213/38 7C07C 233/  
40 7A61K 31/44 7C07D 277/46 7C07C 233/  
60 7C07C 233/73 7C07D 213/75 7C07C  
233/78  
[25] EN  
[54] **NOVEL ANTICANCER  
COMPOUNDS**  
[54] **NOUVEAUX COMPOSES  
ANTICANCEREUX**  
[72] LU, YINGCHUN, US  
[72] SAKAMURI, SUKUMAR, US  
[72] MENON, SANJAY R., US  
[72] KHAZAK, VLADIMIR, US  
[72] AGARWAL, SEEMA, US  
[72] CHEN, QUIN-ZENE, US  
[71] MORPHOCHEM  
AKTIENGESELLSCHAFT FUR  
KOMBINATORISCHE CHEMIE, DE  
[85] 2004-05-28  
[86] 2002-10-31 (PCT/EP2002/012222)  
[87] 2003-05-08 (WO2003/037865)  
[30] US (60/335,300) 2001-10-31

[21] **2,468,762**  
[13] A1  
[51] **Int.Cl. 7H01S 5/12 7H01S 5/062**  
[25] EN  
[54] **OPTICAL MICROWAVE SOURCE**  
[54] **SOURCE DE MICRO-ONDES  
OPTIQUE**  
[72] BAUER, STEFAN, DE  
[72] BROX, OLAF, DE  
[71] FRAUNHOFER GESELSCHAFT  
ZUR FORDERUNG DER  
ANGEWANDTEN FORSCHUNG E.V, DD  
[85] 2004-05-28  
[86] 2002-11-29 (PCT/DE2002/004458)  
[87] 2003-06-12 (WO2003/049242)  
[30] DE (101 60 502.1) 2001-11-30

[21] **2,468,763**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/22**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
IDENTIFYING THE POSITION OF  
MOBILE TERMINALS**  
[54] **SYSTEME ET PROCEDE  
D'IDENTIFICATION DE LA POSITION  
DE TERMINAUX MOBILES**  
[72] FILIZOLA, DAVIDE, IT  
[72] STOLA, LORIS, IT  
[71] TELECOM ITALIA S.P.A., IT  
[85] 2004-05-28  
[86] 2002-11-25 (PCT/EP2002/013226)  
[87] 2003-06-12 (WO2003/049479)  
[30] IT (TO2001A001125) 2001-12-03

[21] **2,468,764**  
[13] A1  
[51] **Int.Cl. 7H04J 3/06**  
[25] EN  
[54] **TIME SYNCHRONIZATION USING  
DYNAMIC THRESHOLDS**  
[54] **SYNCHRONISATION  
TEMPORELLE AU MOYEN DE SEUILS  
DYNAMIQUES**  
[72] SALT, METIN, US  
[72] PAIK, ELLEN, US  
[72] RAGLE, STEPHEN J., US  
[72] BENGTTSSON, JOHAN, US  
[71] SCHLUMBERGERSEMA INC., US  
[85] 2004-05-28  
[86] 2002-11-14 (PCT/US2002/036799)  
[87] 2003-06-12 (WO2003/049343)  
[30] US (60/337,366) 2001-11-30  
[30] US (10/280,448) 2002-10-25

[21] **2,468,765**  
[13] A1  
[51] **Int.Cl. 7A61K 7/075 7A61K 7/11**  
**7A61K 7/48**  
[25] EN  
[54] **COSMETIC AGENT CONTAINING  
AT LEAST ONE COPOLYMER HAVING  
N-VINYLLACTAM UNITS**  
[54] **AGENT COSMETIQUE  
CONTENANT AU MOINS UN  
COPOLYMERE COMPORTANT DES  
UNITES N-VINYLLACTAME**  
[72] SCHUNTER, WALTER, DE  
[72] NGUYEN-KIM, SON, DE  
[72] HOESSEL, PETER, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-05-28  
[86] 2002-12-10 (PCT/EP2002/014015)  
[87] 2003-07-03 (WO2003/053381)  
[30] DE (101 60 720.2) 2001-12-11

[21] **2,468,770**  
[13] A1  
[51] **Int.Cl. 7H04N 7/36**  
[25] EN  
[54] **IMAGE ENCODING DEVICE,  
IMAGE DECODING DEVICE AND  
THEIR METHODS**  
[54] **DISPOSITIF DE CODAGE  
D'IMAGE, DISPOSITIF DE DECODAGE  
D'IMAGE ET TECHNIQUES  
ASSOCIEES**  
[72] ABE, KIYOFUMI, JP  
[72] KONDO, SATOSHI, JP  
[72] KADONO, SHINYA, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[85] 2004-05-28  
[86] 2003-09-22 (PCT/JP2003/012053)  
[87] 2004-04-15 (WO2004/032521)  
[30] JP (2002-289303) 2002-10-01

[21] **2,468,771**  
[13] A1  
[51] **Int.Cl. 7A61K 31/728 7A61P 27/02**  
**7A61K 31/16 7A61P 27/16**  
[25] EN  
[54] **PHARMACEUTICAL  
COMPOSITION FOR USE IN  
OPHTHALMOLOGY AND  
RHINOLOGY**  
[54] **COMPOSITION  
PHARMACEUTIQUE POUR UNE  
UTILISATION OPHTHALMOLOGIQUE  
ET RHINOLOGIQUE**  
[72] GROSS, DOROTHEA, DE  
[72] HOLZER, FRANK, DE  
[71] URSAPHARM ARZNEIMITTEL  
GMBH & CO. KG, DE  
[85] 2004-05-28  
[86] 2002-12-11 (PCT/DE2002/004527)  
[87] 2003-06-19 (WO2003/049747)  
[30] DE (101 61 110.2) 2001-12-12

## Demandes PCT entrant en phase nationale

[21] **2,468,772**  
[13] A1  
[51] **Int.Cl. 7C12N 5/00 7A01K 67/00 7C12M 1/00 7C12N 15/00 7C12N 5/02 7A01K 67/033**  
[25] EN  
[54] **SYSTEM TO SEPARATE FROZEN-THAWED SPERMATOCYTES INTO X-CHROMOSOME BEARING AND Y-CHROMOSOME BEARING POPULATIONS**  
[54] **SYSTEME DE DISSOCIATION DE SPERMATOCYTES CONGEELES-DECONGEELES PORTEURS D'UN CHROMOSOME X DE CEUX PORTEURS D'UN CHROMOSOME Y**  
[72] LU, KEHUAN, US  
[72] SEIDEL, GEORGE E., US  
[72] SUH, TAE KWANG, US  
[71] XY, INC., US  
[71] COLORADO STATE UNIVERSITY, THROUGH ITS AGENT, COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US  
[85] 2004-05-28  
[86] 2001-11-29 (PCT/US2001/045023)  
[87] 2002-06-06 (WO2002/043574)  
[30] US (60/253,785) 2000-11-29  
[30] US (60/253,787) 2000-11-29

[21] **2,468,773**  
[13] A1  
[51] **Int.Cl. 7G06F 3/14**  
[25] EN  
[54] **CREATING AND SELECTING MULTIMEDIA OR DIGITAL FILES FROM A VEHICLE PLAYER SYSTEM**  
[54] **LECTEUR DE VEHICULE**  
[72] PISZ, JAMES T., US  
[71] TOYOTA MOTOR SALES, U.S.A., INC., US  
[85] 2004-05-28  
[86] 2002-12-05 (PCT/US2002/038897)  
[87] 2003-06-19 (WO2003/051063)  
[30] US (60/338,440) 2001-12-06

[21] **2,468,774**  
[13] A1  
[51] **Int.Cl. 7A01N 1/00**  
[25] EN  
[54] **SYSTEM FOR IN-VITRO FERTILIZATION WITH SPERMATOCYTES SEPARATED INTO X-CHROMOSOME AND Y-CHROMOSOME BEARING POPULATIONS**  
[54] **SYSTEME PERMETTANT DE REALISER UNE FECONDATION IN VITRO AVEC DES SPERMATOCYTES SEPARES EN POPULATION PORTEUSE DE CHROMOSOME X ET EN POPULATION PORTEUSE DE CHROMOSOME Y**  
[72] LU, KEHUAN, US  
[72] SUH, TAE KWANG, US  
[72] SEIDEL, GEORGE E., US  
[71] XY, INC., US  
[71] COLORADO STATE UNIVERSITY, US  
[85] 2004-05-28  
[86] 2001-11-29 (PCT/US2001/045237)  
[87] 2002-06-06 (WO2002/043486)  
[30] US (60/253,785) 2000-11-29  
[30] US (60/253,787) 2000-11-29

[21] **2,468,775**  
[13] A1  
[51] **Int.Cl. 7A61K 31/727 7A61P 27/02 7A61K 45/06 7A61K 31/717 7A61K 31/728 7A61K 31/737 7A61K 31/765 7A61K 31/78 7A61K 31/79**  
[25] EN  
[54] **HEPARIN-CONTAINING OPHTHALMIC AGENT**  
[54] **AGENT OPHTHALMIQUE CONTENANT DE L'HEPARINE**  
[72] HOLZER, FRANK, DE  
[72] GROSS, DOROTHEA, DE  
[71] URSAPHARM ARZNELMITTEL GMBH & CO. KG, DE  
[85] 2004-05-28  
[86] 2002-12-11 (PCT/DE2002/004526)  
[87] 2003-07-03 (WO2003/053452)  
[30] DE (101 61 149.8) 2001-12-12

[21] **2,468,776**  
[13] A1  
[51] **Int.Cl. 7B63B 43/14**  
[25] EN  
[54] **MEANS OF PROVIDING ADDITIONAL MODULAR ARMOR PROTECTED BUOYANCY TO TRACKED AND WHEELED VEHICLES**  
[54] **MOYEN ASSURANT A DES VEHICULES A CHENILLES OU A ROUES, UNE FLOTTABILITE ADDITIONNELLE AVEC UN MODULE PROTEGE PAR UN BLINDAGE**  
[72] BROWN, JAMES D., US  
[71] UNITED DEFENSE LP, US  
[85] 2004-05-28  
[86] 2002-12-03 (PCT/US2002/038674)  
[87] 2003-09-25 (WO2003/078184)  
[30] US (60/337,440) 2001-12-03

[21] **2,468,777**  
[13] A1  
[51] **Int.Cl. 7G21G 1/10 7A61K 49/00**  
[25] EN  
[54] **PROCESSES FOR PRODUCING 150-CARBON MONOXIDE AND 150-CARBON DIOXIDE AND PRODUCTION APPARATUS**  
[54] **PROCEDES DE PRODUCTION DE MONOXYDE DE 150-CARBONE ET DE DIOXYDE DE 150-CARBONE ET APPAREIL DE PRODUCTION**  
[72] IIDA, HIDEHIRO, JP  
[72] MIYAKE, YOSHINORI, JP  
[71] JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF NATIONAL CARDIOVASCULAR CENTER, JP  
[71] THE ORGANIZATION FOR PHARMACEUTICAL SAFETY AND RESEARCH, JP  
[85] 2004-05-28  
[86] 2002-09-20 (PCT/JP2002/009712)  
[87] 2003-06-05 (WO2003/046930)  
[30] JP (2001-364011) 2001-11-29

## PCT Applications Entering the National Phase

[21] **2,468,778**

[13] A1

[51] **Int.Cl. 7C12N 15/85 7C12Q 1/02  
7A01K 67/027 7C12Q 1/04 7C12N 15/09  
7C12N 5/10 7G01N 21/64 7C12Q 1/68  
7C12N 15/79 7C12N 15/90**  
[25] EN  
[54] **ISOLATION TOOL FOR VIABLE C-  
KIT EXPRESSING CELLS**  
[54] **OUTILS D'ISOLATION DE  
CELLULES D'EXPRESSION  
VIABLES-CIT**  
[72] WOUTERS, MIRA MARIA WILLY,  
BE  
[72] SMANS, KARINE ALFONSINE  
ASTRID, BE  
[72] VANDERWINDEN, JEAN-MARIE, BE  
[71] JANSSEN PHARMACEUTICA N.V.,  
BE  
[85] 2004-05-28  
[86] 2002-12-12 (PCT/EP2002/014123)  
[87] 2003-07-03 (WO2003/054203)  
[30] GB (0129689.6) 2001-12-12

[21] **2,468,779**

[13] A1

[51] **Int.Cl. 7H04L 12/28**  
[25] EN  
[54] **SYSTEM AND METHOD OF  
COMMUNICATION BETWEEN  
MULTIPLE POINT-COORDINATED  
WIRELESS NETWORKS**  
[54] **SYSTEME ET PROCEDE DE  
COMMUNICATION ENTRE DES  
RESEAUX SANS FIL COORDONNES  
PAR POINTS MULTIPLES**  
[72] GANDOLFO, PIERRE T., US  
[71] MOTOROLA INC., US  
[85] 2004-05-28  
[86] 2002-11-27 (PCT/US2002/037897)  
[87] 2003-06-05 (WO2003/047176)  
[30] US (60/333,524) 2001-11-28

[21] **2,468,780**

[13] A1

[51] **Int.Cl. 7B32B 5/16 7B32B 27/00  
7B05D 7/00 7A61M 1/00 7B32B 9/04  
7B32B 15/04 7B32B 17/06 7B32B 27/06  
7B32B 15/08 7B32B 27/08 7B32B 17/10  
7B32B 13/12 7B05D 1/18 7B05D 1/32  
7B32B 27/34 7B32B 27/36 7B05D 1/36**  
[25] EN  
[54] **MICROBE-RESISTANT MEDICAL  
DEVICE, MICROBE-RESISTANT  
POLYMERIC COATING AND  
METHODS FOR PRODUCING SAME**  
[54] **DISPOSITIF MEDICAL  
RESISTANT AUX MICROBES,  
RETELEMENT RESISTANT AUX  
MICROBES ET PROCEDES  
PERMETTANT DE LES PRODUIRE**  
[72] TERRY, RICHARD N., US  
[71] C.R. BARD, INC., US  
[85] 2004-05-31  
[86] 2002-12-03 (PCT/US2002/038404)  
[87] 2003-06-12 (WO2003/047636)  
[30] US (60/336,755) 2001-12-03

[21] **2,468,782**

[13] A1

[51] **Int.Cl. 7E21B 43/08 7E21B 47/00  
7E21B 47/10 7E21B 43/25**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
COMPLETING A WELL**  
[54] **PROCEDES ET APPAREILS POUR  
SURVEILLER ET COMMANDER UNE  
INSTALLATION DE COMPLETION DE  
PUITS**  
[72] EDWARDS, JOHN, OM  
[71] SCHLUMBERGER CANADA  
LIMITED, CA  
[85] 2004-05-31  
[86] 2002-11-13 (PCT/EP2002/012728)  
[87] 2003-06-19 (WO2003/050385)  
[30] EP (01204897.1) 2001-12-13

[21] **2,468,783**

[13] A1

[51] **Int.Cl. 7C07D 405/04 7A61P 35/00  
7C07D 403/10 7C07D 233/20 7C07D 233/  
22 7C07D 233/26 7A61K 31/4164 7A61K  
31/4178**  
[25] EN  
[54] **CIS-IMIDAZOLINES AS MDM2  
INHIBITORS**  
[54] **CIS-IMIDAZOLINES  
INHIBITEURS DE MDM2**  
[72] LIU, EMILY AIJUN, US  
[72] VU, BINH THANH, US  
[72] KONG, NORMAN, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2004-05-31  
[86] 2002-12-09 (PCT/EP2002/013905)  
[87] 2003-06-26 (WO2003/051360)  
[30] US (60/341,729) 2001-12-18  
[30] US (60/390,876) 2002-06-21

[21] **2,468,791**

[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
PROVIDING A DOWNLINK  
CONNECTION IN A CELLULAR  
NETWORK**  
[54] **PROCEDE ET SYSTEME POUR  
ASSURER UNE LIAISON  
DESCENDANTE DANS UN RESEAU  
CELLULAIRE**  
[72] MOGENSEN, PREBEN, DK  
[72] NIEMELA, KARI, FI  
[72] PEDERSEN, KLAUS, DK  
[72] PAJUKOSKI, KARI, FI  
[71] NOKIA CORPORATION, FI  
[85] 2004-05-28  
[86] 2001-12-19 (PCT/EP2001/015007)  
[87] 2003-06-26 (WO2003/053087)

## Demandes PCT entrant en phase nationale

[21] **2,468,795**  
[13] A1

[51] **Int.Cl. 7C07C 407/00 7B01J 19/00 7C08L 61/00**  
[25] EN  
[54] **OIL OZONOLYSIS**  
[54] **OZONOLYSE D'HUILES**  
[72] TOMKINSON, JEREMY, GB  
[72] FITCHETT, COLIN STANLEY, GB  
[72] LAUGHTON, NICHOLAS GEOFFREY, GB  
[72] CHAPPELL, COLIN GRAHAM, GB  
[72] TVEREZOVSKIY, VIACHESLAV, GB  
[72] FOWLER, PAUL, GB  
[72] KHAN, MOHAMMED LOKMAN, GB  
[71] CAMBRIDGE BIOPOLYMERS LIMITED, GB  
[85] 2004-05-31  
[86] 2002-12-11 (PCT/GB2002/005610)  
[87] 2003-06-19 (WO2003/050081)  
[30] GB (0129590.6) 2001-12-11

[21] **2,468,798**  
[13] A1

[51] **Int.Cl. 7B66B 11/00**  
[25] EN  
[54] **ELEVATOR WITH SMALL-SIZED DRIVING GEAR**  
[54] **ASCENSEUR**  
[72] MUSTALAHTI, JORMA, FI  
[72] AULANKO, ESKO, FI  
[71] KONE CORPORATION, FI  
[85] 2004-05-28  
[86] 2003-01-09 (PCT/FI2003/000012)  
[87] 2003-07-17 (WO2003/057611)  
[30] FI (20020043) 2002-01-09

[21] **2,468,799**  
[13] A1

[51] **Int.Cl. 7G06F 13/00 7G06F 17/00 7G06F 13/36 7G06F 13/38**  
[25] EN  
[54] **TRACKING DEFERRED DATA TRANSFERS ON A SYSTEM-INTERCONNECT BUS**  
[54] **LOCALISATION DE TRANSFERTS DE DONNEES DIFFERES DANS UN BUS D'INTERCONNEXION A UN SYSTEME**  
[72] BUTLER, JIM, US  
[72] HUYNH, KHANH, US  
[71] EMULEX DESIGN & MANUFACTURING CORPORATION, US  
[85] 2004-05-31  
[86] 2002-12-10 (PCT/US2002/039549)  
[87] 2003-06-19 (WO2003/050691)  
[30] US (60/339,238) 2001-12-10  
[30] US (10/125,101) 2002-04-18

[21] **2,468,800**  
[13] A1

[51] **Int.Cl. 7G06F 15/00**  
[25] EN  
[54] **FLOATING POINT INTENSIVE RECONFIGURABLE COMPUTING SYSTEM FOR ITERATIVE APPLICATIONS**  
[54] **SYSTEME DE CALCUL RECONFIGURABLE INTENSIF A VIRGULE FLOTTANTE POUR APPLICATIONS ITERATIVES**  
[72] YARDI, SHRIRANG MADHAV, US  
[72] BISHOP, BENJAMIN, US  
[72] KELLIHER, THOMAS P., US  
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US  
[85] 2004-05-31  
[86] 2002-12-06 (PCT/US2002/038645)  
[87] 2003-06-19 (WO2003/050697)  
[30] US (60/338,347) 2001-12-06

[21] **2,468,801**  
[13] A1

[51] **Int.Cl. 7C07D 487/22**  
[25] EN  
[54] **HYDROXYCUCURBITURIL DERIVATIVES, THEIR PREPARATION METHODS AND USES**  
[54] **DERIVES D'HYDROXYCUCURBITURIL, LEURS PROCESSES DE PREPARATION ET LEURS UTILISATIONS**  
[72] OH, DONG-HYUN, KR  
[72] SELVAPALAM, NARAYANAN, KR  
[72] JON, SANG-YONG, KR  
[72] KIM, KI-MOON, KR  
[71] POSTECH FOUNDATION, KR  
[85] 2004-05-31  
[86] 2002-11-26 (PCT/KR2002/002213)  
[87] 2003-07-10 (WO2003/055888)  
[30] KR (2002-318) 2002-01-03  
[30] KR (2002-68362) 2002-11-06

[21] **2,468,810**  
[13] A1

[51] **Int.Cl. 7C09J 201/10 7C09J 171/02 7C09J 143/04 7C09J 157/06**  
[25] EN  
[54] **MOISTURE CURABLE ADHESIVE COMPOSITION**  
[54] **COMPOSITION ADHESIVE DURCISSABLE A L'HUMIDITE**  
[72] TISCHER, LEO AUGUST, US  
[72] STYPCZYNSKI, MARK, US  
[72] KASZUBSKI, GLEN, US  
[72] PAUL, JOHN A., US  
[71] THE GLIDDEN COMPANY, US  
[85] 2004-05-31  
[86] 2003-02-14 (PCT/US2003/004355)  
[87] 2003-08-21 (WO2003/068886)  
[30] US (10/075,203) 2002-02-14

[21] **2,468,811**  
[13] A1

[51] **Int.Cl. 7A61K 31/196 7A61P 29/00**  
[25] EN  
[54] **PHARMACEUTICAL USE OF COX-2 INHIBITORS IN ANGIOGENESIS-MEDIATED OCULAR DISORDERS**  
[54] **UTILISATION PHARMACEUTIQUE D'INHIBITEURS D'AFFECTIONS OCULAIRES INDUITES PAR L'ANGIOGENESE**  
[72] WOOD, JEANETTE MARJORIE, CH  
[72] BRAZZELL, ROMULUS KIMBRO, US  
[72] LAMBROU, GEORGE N., FR  
[72] LATOUR, ELISABETH, FR  
[72] OTTLECH, ANNA, CH  
[71] NOVARTIS AG, CH  
[85] 2004-05-28  
[86] 2003-01-22 (PCT/EP2003/000612)  
[87] 2003-07-31 (WO2003/061645)  
[30] GB (0201520.4) 2002-01-23

[21] **2,468,815**  
[13] A1

[51] **Int.Cl. 7C05G 5/00 7C05G 3/00**  
[25] EN  
[54] **ANTI-EXPLOSIVE FERTILIZER COATINGS**  
[54] **REVETEMENTS ANTI-EXPLOSIFS POUR ENGRAIS**  
[72] SANDERS, JOHN L., US  
[72] MAZO, GRIGORY, US  
[72] MAZO, JACOB, US  
[71] SPECIALITY FERTILIZER PRODUCTS, LLC., US  
[71] SANDERS, JOHN LARRY, US  
[85] 2004-06-04  
[86] 2002-12-06 (PCT/US2002/039201)  
[87] 2003-09-12 (WO2003/074447)  
[30] US (10/013,285) 2001-12-07

## PCT Applications Entering the National Phase

---

[21] **2,468,820**  
[13] A1  
[51] **Int.Cl. 7B23C 5/10 7B23C 5/22**  
[25] EN  
[54] **MILLING TOOL**  
[54] **OUTIL DE FRAISAGE**  
[72] KOCH, WOLFGANG, AT  
[72] DUWE, JUERGEN, AT  
[72] SCHLEINKOFER, UWE, AT  
[72] LE BORGNE, DIDIER, FR  
[71] CERATIZIT AUSTRIA  
GESELLSCHAFT M.B.H., AT  
[71] AIRBUS FRANCE, SOCIETE PAR  
ACTIONS SIMPLIFIEE, FR  
[85] 2004-05-31  
[86] 2002-12-13 (PCT/AT2002/000348)  
[87] 2003-07-03 (WO2003/053618)  
[30] AT (GM 972/2001) 2001-12-21

---

[21] **2,468,826**  
[13] A1  
[51] **Int.Cl. 7A61K 31/4184 7A61P 11/00**  
**7A61P 17/00 7A61P 21/00 7A61P 9/10**  
**7A61P 13/12 7A61K 31/423 7A61K 31/428**  
**7A61K 31/506**  
[25] EN  
[54] **BENZAZOLE DERIVATIVES FOR**  
**THE TREATMENT OF SCLERODERMA**  
[54] **DERIVES DE BENZAZOLE POUR**  
**LE TRAITEMENT DE SCLERODERMIE**  
[72] GOTTELAND, JEAN-PIERRE, FR  
[72] GAILLARD, PASCALE, FR  
[72] CHVATCHKO, YOLANDE, CH  
[71] APPLIED RESEARCH SYSTEMS ARS  
HOLDING N.V., AN  
[85] 2004-05-31  
[86] 2002-12-06 (PCT/EP2002/013857)  
[87] 2003-06-12 (WO2003/047570)  
[30] EP (01000727.6) 2001-12-07

---

[21] **2,468,827**  
[13] A1  
[51] **Int.Cl. 7A61K 31/4245 7C07D 413/10**  
**7A61P 3/10 7A61P 9/12 7A61P 5/50**  
[25] EN  
[54] **INSULIN RESISTANCE**  
**IMPROVING AGENTS**  
[54] **AGENTS POUR AMELIORER**  
**L'ETAT DE RESISTANCE A**  
**L'INSULINE**  
[72] TERASHITA, ZEN-ICHI, JP  
[72] KAWAHARA, KIMINORI, JP  
[72] KUSUMOTO, KEIJI, JP  
[72] TAMAKAWA, HIROKI, JP  
[72] YAMAGUCHI, FUMINARI, JP  
[72] NAKAGAWA, HARUTO, JP  
[71] TAKEDA CHEMICAL INDUSTRIES,  
LTD., JP  
[85] 2004-05-31  
[86] 2002-12-02 (PCT/JP2002/012579)  
[87] 2003-06-12 (WO2003/047573)  
[30] JP (2001-369271) 2001-12-03

---

[21] **2,468,829**  
[13] A1  
[51] **Int.Cl. 7A61L 2/06 7A61B 1/00**  
[25] EN  
[54] **HIGH-PRESSURE STEAM**  
**STERILIZATION SYSTEM FOR**  
**MEDICAL EQUIPMENT, AND DEVICE**  
**AND METHOD FOR STERILIZING THE**  
**MEDICAL EQUIPMENT**  
[54] **SYSTEME DE STERILISATION A**  
**LA VAPEUR HAUTE PRESSION POUR**  
**EQUIPEMENT MEDICAL ET**  
**DISPOSITIF ET PROCEDE DE**  
**STERILISATION DE CET**  
**EQUIPEMENT**  
[72] ISHIBIKI, KOTA, JP  
[71] OLYMPUS OPTICAL CO., LTD., JP  
[85] 2004-05-31  
[86] 2002-12-05 (PCT/JP2002/012757)  
[87] 2003-06-12 (WO2003/047638)  
[30] JP (2001-374703) 2001-12-07

---

[21] **2,468,831**  
[13] A1  
[51] **Int.Cl. 7C07D 211/94 7C07D 207/46**  
[25] EN  
[54] **TRANSITION-METAL-**  
**CATALYZED PROCESS FOR THE**  
**CONVERSION OF ALKENES TO**  
**STERICALLY HINDERED**  
**SUBSTITUTED N-ALKOXYAMINES**  
[54] **PROCEDE CATALYSE PAR UN**  
**METAL DE TRANSITION DESTINE A**  
**LA CONVERSION D'ALCENE EN N-**  
**ALKYLOXYAMINES SUBSTITUEES ET**  
**STERIQUEMENT ENCOMBRES**  
[72] PASTOR, STEPHEN DANIEL, US  
[72] SHUM, SAI PING, US  
[71] CIBA SPECIALTY CHEMICALS  
HOLDING INC., CH  
[85] 2004-05-31  
[86] 2002-12-12 (PCT/EP2002/014134)  
[87] 2003-07-03 (WO2003/053931)  
[30] US (60/342,330) 2001-12-21  
[30] US (60/409,374) 2002-09-09

---

[21] **2,468,834**  
[13] A1  
[51] **Int.Cl. 7G09F 15/00 7G09F 21/04**  
[25] EN  
[54] **DISPLAY APPARATUS**  
[54] **APPAREIL D'AFFICHAGE**  
[72] COOK, SAM, GB  
[71] URBAN STORM LIMITED, GB  
[85] 2004-05-31  
[86] 2002-11-29 (PCT/GB2002/005392)  
[87] 2003-06-12 (WO2003/049069)  
[30] GB (0128639.2) 2001-11-29

---

[21] **2,468,835**  
[13] A1  
[51] **Int.Cl. 7A61N 7/00**  
[25] EN  
[54] **SMALL VESSEL ULTRASOUND**  
**CATHETER**  
[54] **CATHETER A ULTRASON POUR**  
**PETITS VAISSEAUX**  
[72] BENNETT, FREDERICK J., US  
[72] WILSON, RICHARD R., US  
[72] ABRAHAMSON, TIMOTHY A., US  
[72] RODRIGUEZ, OSCAR, US  
[71] EKOS CORPORATION, US  
[85] 2004-05-31  
[86] 2002-12-03 (PCT/US2002/038528)  
[87] 2003-06-12 (WO2003/047696)  
[30] US (60/336,660) 2001-12-03  
[30] US (60/336,627) 2001-12-03  
[30] US (60/336,571) 2001-12-03  
[30] US (60/336,630) 2001-12-03  
[30] US (60/344,422) 2001-12-28

## Demandes PCT entrant en phase nationale

[21] **2,468,837**  
[13] A1

[51] **Int.Cl. 7B23B 29/24**  
[25] EN  
[54] **TOOL HOLDER WITH DIAMETRICALLY OPPOSITE SIDE SURFACES**  
[54] **PORTE-OUTIL PRESENTANT DES SURFACES LATERALES DIAMETRALEMENT OPPOSEES**  
[72] HANSSON, PER, SE  
[71] SANDVIK AB, SE  
[85] 2004-05-31  
[86] 2002-12-02 (PCT/SE2002/002216)  
[87] 2003-07-03 (WO2003/053615)  
[30] SE (0104130-0) 2001-12-10

[21] **2,468,839**  
[13] A1

[51] **Int.Cl. 7A61P 35/00 7A61K 31/4545**  
[25] EN  
[54] **USE OF AN FARNESYL PROTEIN TRANSFERASE INHIBITOR IN COMBINATION WITH OTHER ANTINEOPLASTIC AGENTS FOR THE MANUFACTURE OF A MEDICAMENT AGAINST CANCER**  
[54] **METHODES DE TRAITEMENT DU CANCER UTILISANT UN INHIBITEUR DE FARNESYL TRANSFERASE (FPT) ET DES AGENTS ANTINEOPLASIQUES**  
[72] CUTLER, DAVID L., US  
[72] MEYERS, MICHAEL L., US  
[72] ZAKNOEN, SARA L., US  
[72] BAUM, CHARLES, US  
[71] SCHERING CORPORATION, US  
[85] 2004-05-31  
[86] 2002-11-25 (PCT/US2002/037954)  
[87] 2003-06-12 (WO2003/047697)  
[30] US (60/334,411) 2001-11-30

[21] **2,468,841**  
[13] A1

[51] **Int.Cl. 7G06F 15/173 7H04L 9/00**  
[25] EN  
[54] **CREDENTIAL MANAGEMENT AND NETWORK QUERYING**  
[54] **GESTION DE REFERENCES ET INTERROGATION DE RESEAU**  
[72] KRUMM-HELLER, ALEX M., AU  
[72] GORINGE, CHRISTOPHER M., AU  
[72] SCHREUDER, JAMES D., AU  
[72] MINHAZUDDIN, MUNEB, AU  
[72] RANKINE, ALASTAIR J., US  
[72] SMITH, MELANIE, AU  
[71] AVAYA TECHNOLOGY CORP., US  
[85] 2004-05-31  
[86] 2002-09-26 (PCT/US2002/030630)  
[87] 2003-07-24 (WO2003/060744)  
[30] US (60/347,060) 2002-01-08  
[30] US (10/127,938) 2002-04-22

[21] **2,468,843**  
[13] A1

[51] **Int.Cl. 7B32B 27/00**  
[25] EN  
[54] **LAMINATED FILM AND METHOD FOR MANUFACTURING LAMINATED FILM**  
[54] **PELLICULE STRATIFIEE ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] MIMURA, TAKASHI, JP  
[72] TAKADA, YASUSHI, JP  
[72] KUBOTA, YURI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2004-05-31  
[86] 2002-12-04 (PCT/JP2002/012700)  
[87] 2003-06-12 (WO2003/047853)  
[30] JP (2001-372681) 2001-12-06

[21] **2,468,845**  
[13] A1

[51] **Int.Cl. 7A61K 9/127 7A61F 13/00 7A61K 9/20 7A61K 9/48**  
[25] EN  
[54] **STABILIZED REVERSE MICELLE COMPOSITIONS AND USES THEREOF**  
[54] **COMPOSITIONS A BASE DE MICELLES INVERSES ET APPLICATIONS**  
[72] CONSTANTINIDES, PANOS P., US  
[72] JANG, EUN-HYUN, US  
[72] LIANG, LIKAN, US  
[71] DOR BIOPHARMA INC., US  
[85] 2004-05-31  
[86] 2002-12-03 (PCT/US2002/038473)  
[87] 2003-06-12 (WO2003/047493)  
[30] US (60/336,873) 2001-12-03  
[30] US (60/354,774) 2002-02-05  
[30] US (60/377,691) 2002-05-03

[21] **2,468,846**  
[13] A1

[51] **Int.Cl. 7C07D 233/32 7A61P 43/00 7C07D 401/06 7C07D 405/06 7C07D 403/12 7C07D 405/12 7A61K 31/4166 7C07D 233/70 7C07D 233/76**  
[25] EN  
[54] **PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR AGONISTS**  
[54] **AGONISTES DU RECEPTEUR ACTIVE DE PROLIFERATION DU PEROXISOME**  
[72] GIBSON, TRACEY ANN, US  
[72] JOHNSTON, RICHARD DUANE, US  
[72] XU, YANPING, US  
[72] WANG, XIAODONG, US  
[72] WINNEROSKI, LEONARD LARRY JUNIOR, US  
[72] THOMPSON, RICHARD CRAIG, US  
[72] MANTLO, NATHAN BRYAN, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2004-05-31  
[86] 2002-11-26 (PCT/US2002/036128)  
[87] 2003-06-12 (WO2003/048130)  
[30] US (60/334,453) 2001-11-30

[21] **2,468,847**  
[13] A1

[51] **Int.Cl. 7C07H 19/16 7A61K 31/70**  
[25] EN  
[54] **CRYSTALLINE FORM OF A RIBOFURANOSYLURONAMIDE DERIVATIVE; A HUMAN ADENOSINE A2A RECEPTOR AGONIST**  
[54] **FORME CRISTALLINE D'UN DERIVE DE LA RIBOFURANOSYLURONAMIDE, AGONISTE DU RECEPTEUR HUMAIN A2A DE L'ADENOSINE**  
[72] SMITH, JULIAN DUNCAN, GB  
[72] SILK, TERENCE VERNON, GB  
[71] PFIZER INC., US  
[85] 2004-05-31  
[86] 2002-11-27 (PCT/IB2002/004979)  
[87] 2003-06-12 (WO2003/048180)  
[30] GB (0129273.9) 2001-12-06

## PCT Applications Entering the National Phase

---

[21] **2,468,849**  
[13] A1  
[51] **Int.Cl. 7C07K 14/16 7G06F 19/00 7G01N 31/00 7A61K 38/02 7C07K 7/08 7A61K 38/16 7A61P 31/18 7G01N 23/20 7A61K 39/21 7G01N 33/48 7C30B 29/58 7G01N 33/68**  
[25] EN  
[54] **SURFACE SIMULATION SYNTHETIC PEPTIDES USEFUL IN THE TREATMENT OF HYPER-VARIABLE VIRAL PATHOGENS**  
[54] **PEPTIDES SYNTHETIQUES DE SIMULATION DE SURFACE UTILES DANS LE TRAITEMENT DE PATHOGENES VIRAUX HYPER VARIABLES**  
[72] CREVECOEUR, HARRY, US  
[71] CREVECOEUR, HARRY, US  
[85] 2004-05-31  
[86] 2002-11-23 (PCT/US2002/037664)  
[87] 2003-06-12 (WO2003/048186)  
[30] US (10/012,806) 2001-12-01

---

[21] **2,468,850**  
[13] A1  
[51] **Int.Cl. 7G01N 21/00 7F16K 25/02 7F16K 11/07 7F16K 11/085 7F16K 3/26 7F16K 3/28 7G01N 33/48**  
[25] EN  
[54] **DEVICE AND METHOD FOR THE IDENTIFICATION OF ANALYTES IN BODILY FLUIDS**  
[54] **DISPOSITIF ET PROCEDE D'IDENTIFICATION D'ANALYTES DANS DES LIQUIDES ORGANIQUES**  
[72] TATUM, ROGER, US  
[72] SMITH, MIKE, US  
[72] FOLEY, THOMAS J., US  
[72] LIANG, GREG, US  
[72] WALTZER, ERIC, US  
[72] SMITH, DAVE, US  
[71] LIFEPOINT, INC., US  
[85] 2004-05-31  
[86] 2002-12-04 (PCT/US2002/038724)  
[87] 2003-07-31 (WO2003/061453)  
[30] US (60/336,596) 2001-12-04

---

[21] **2,468,851**  
[13] A1  
[51] **Int.Cl. 7C07K 14/47 7A61K 38/00 7C12N 5/10 7C12N 15/12 7C07K 16/18 7G01N 33/53 7C12Q 1/68**  
[25] EN  
[54] **GIPS, A FAMILY OF POLYPEPTIDES WITH TRANSCRIPTION FACTOR ACTIVITY THAT INTERACT WITH GOODPASTURE ANTIGEN BINDING PROTEIN**  
[54] **GIP, UNE FAMILLE DE POLYPEPTIDES A ACTIVITE DE FACTEUR DE TRANSCRIPTION INTERAGISSANT AVEC LA PROTEINE LIANT L'ANTIGENE DE GOODPASTURE**  
[72] SAUS, JUAN, ES  
[72] REVERT-ROS, FRANCISCO, ES  
[71] SAUS, JUAN, ES  
[71] REVERT-ROS, FRANCISCO, ES  
[85] 2004-05-31  
[86] 2002-12-05 (PCT/EP2002/013802)  
[87] 2003-06-12 (WO2003/048193)  
[30] US (60/338,287) 2001-12-07  
[30] US (60/382,004) 2002-05-20

---

[21] **2,468,852**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **ELECTRONIC GIFT LINKING**  
[54] **CONNEXION ELECTRONIQUE A UN CADEAU**  
[72] COWELL, JAMES E., US  
[72] ABELMAN, HENRY M., US  
[72] KARAS, PETER M., US  
[72] THOMPSON, MARK, US  
[71] FIRST DATA CORPORATION, US  
[85] 2004-05-31  
[86] 2002-12-06 (PCT/US2002/039083)  
[87] 2003-07-03 (WO2003/054659)  
[30] US (10/010,068) 2001-12-06  
[30] US (10/313,934) 2002-12-05

---

[21] **2,468,853**  
[13] A1  
[51] **Int.Cl. 7C12N 9/10 7C12N 15/82**  
[25] EN  
[54] **PRENYLTRANSFERASE FROM PLANTS**  
[54] **NOUVELLE PRENYLTRANSFERASE**  
[72] TROPF, SUSANNE, DE  
[72] HERBERS, KARIN, DE  
[72] GEIGER, MICHAEL, DE  
[72] LEMKE, RAINER, DE  
[72] SCHLEDZ, MICHAEL, DE  
[72] SALCHERT, KLAUS-DIETER, DE  
[71] SUNGENE GMBH & CO. KGAA, DE  
[85] 2004-05-31  
[86] 2002-12-06 (PCT/EP2002/013853)  
[87] 2003-06-12 (WO2003/047547)  
[30] EP (01129034.3) 2001-12-06  
[30] EP (02014624.7) 2002-07-02

---

[21] **2,468,855**  
[13] A1  
[51] **Int.Cl. 7C22B 34/34 7C22B 15/00 7C01G 39/02 7C22B 3/06 7C22B 3/20**  
[25] EN  
[54] **PROCESS FOR THE TREATMENT OF MOLYBDENUM CONCENTRATE ALSO CONTAINING COPPER**  
[54] **PROCEDE DE TRAITEMENT DE CONCENTRE DE MOLYBDENE**  
[72] JONES, DAVID L., CA  
[71] COMINCO ENGINEERING SERVICES LTD., CA  
[85] 2004-05-31  
[86] 2002-12-02 (PCT/CA2002/001852)  
[87] 2003-06-12 (WO2003/048400)  
[30] CA (2,364,213) 2001-12-03

---

[21] **2,468,856**  
[13] A1  
[51] **Int.Cl. 7C25B 9/00 7C02F 1/461**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING NEGATIVE AND POSITIVE OXIDATIVE REDUCTIVE POTENTIAL (ORP) WATER**  
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'EAU AUX POTENTIELS D'OXYDO-REDUCTION NEGATIFS ET POSITIFS**  
[72] SUMITA, OSAO, JP  
[71] MICROMED LABORATORIES, INC., US  
[85] 2004-05-31  
[86] 2002-12-05 (PCT/US2002/038861)  
[87] 2003-06-12 (WO2003/048421)  
[30] US (60/338,376) 2001-12-05

## Demandes PCT entrant en phase nationale

[21] **2,468,857**  
[13] A1

[51] **Int.Cl. 7B23B 45/02**  
[25] EN  
[54] **SIDE HANDLES ON DRILL/ DRIVERS**  
[54] **POIGNEES LATERALES POUR PERCEUSES/VISSEUSES**  
[72] MILBOURNE, RODNEY, US  
[71] BLACK & DECKER INC., US  
[85] 2004-05-31  
[86] 2002-12-12 (PCT/US2002/040165)  
[87] 2003-07-03 (WO2003/053616)  
[30] US (10/028,461) 2001-12-20

[21] **2,468,858**  
[13] A1

[51] **Int.Cl. 7G01N 33/497 7C12Q 1/25 7G01N 33/58**  
[25] EN  
[54] **BREATH TEST**  
[54] **TEST FONDE SUR L'HALEINE**  
[72] DAVIDSON, GEOFFREY, AU  
[72] PELTON, NICOLE, AU  
[72] BUTLER, ROSS, AU  
[72] TIVEY, DAVID, AU  
[71] WOMEN'S AND CHILDREN'S HOSPITAL, AU  
[85] 2004-05-31  
[86] 2002-12-09 (PCT/AU2002/001666)  
[87] 2003-06-12 (WO2003/048765)  
[30] AU (PR 9344) 2001-12-07

[21] **2,468,859**  
[13] A1

[51] **Int.Cl. 7E21B 21/00 7E21B 21/10 7E21B 33/124**  
[25] EN  
[54] **METHOD AND DEVICE FOR INJECTING A FLUID INTO A FORMATION**  
[54] **PROCEDE ET DISPOSITIF D'INJECTION D'UN FLUIDE DANS UNE FORMATION**  
[72] ZIJSLING, DJURRE HANS, NL  
[72] AKINLADE, MONSURU OLATUNJI, NL  
[72] LIGIHELM, DIRK JACOB, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2004-05-31  
[86] 2002-12-02 (PCT/EP2002/013610)  
[87] 2003-06-12 (WO2003/048508)  
[30] EP (01204658.7) 2001-12-03

[21] **2,468,860**  
[13] A1

[51] **Int.Cl. 7G01R 31/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EMBEDDED BUILT-IN SELF-TEST (BIST) OF ELECTRONIC CIRCUITS AND SYSTEMS**  
[54] **PROCEDE ET APPAREIL DESTINES A UN AUTO-TEST INTEGRE ENFOUI (BIST) DE CIRCUITS ET SYSTEMES ELECTRONIQUES**  
[72] CLARK, CHRISTOPHER J., US  
[72] RICCHETTI, MICHAEL, US  
[71] INTELLITECH CORPORATION, US  
[85] 2004-05-31  
[86] 2002-11-12 (PCT/US2002/036246)  
[87] 2003-06-12 (WO2003/048794)  
[30] US (60/336,586) 2001-12-04  
[30] US (10/142,556) 2002-05-10

[21] **2,468,861**  
[13] A1

[51] **Int.Cl. 7G01J 3/30**  
[25] EN  
[54] **ROBOTIC MICROSCOPY SYSTEMS**  
[54] **SYSTEMES DE MICROSCOPIE ROBOTIQUE**  
[72] FINKBEINER, STEVEN, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2004-05-31  
[86] 2002-12-05 (PCT/US2002/039033)  
[87] 2003-06-12 (WO2003/048705)  
[30] US (60/337,585) 2001-12-05

[21] **2,468,862**  
[13] A1

[51] **Int.Cl. 7G01N 27/00 7G01R 27/08**  
[25] EN  
[54] **PARTICLE IMPEDANCE SENSOR**  
[54] **CAPTEUR D'IMPEDANCE DE PARTICULES**  
[72] GASCOYNE, PETER, US  
[72] VYKOUKAL, JODY, US  
[72] ANDERSON, TOM, US  
[72] BECKER, FREDERICK F., US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS, US  
[85] 2004-05-31  
[86] 2002-12-02 (PCT/US2002/038424)  
[87] 2003-06-12 (WO2003/048728)  
[30] US (10/005,373) 2001-12-03

[21] **2,468,863**  
[13] A1

[51] **Int.Cl. 7C08G 77/08 7C07F 9/535**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE POLYORGANOSILOXANES (POS) PAR POLYCONDENSATION/ REDISTRIBUTION D'OLIGOSILOXANES, EN PRESENCE D'UNE SUPERBASE ET SUPERBASES EMPLOYEES**  
[54] **METHOD FOR PREPARING POLYORGANOSILOXANES (POS) BY POLYCONDENSATION/ REDISTRIBUTION OF OLIGOSILOXANES IN THE PRESENCE OF A STRONG BASE AND STRONG BASES USED**  
[72] BERTRAND, GUY, US  
[72] LEMEUNE, ALLA, FR  
[72] MIGNANI, GERARD, FR  
[72] BACEIREDO, ANTOINE, FR  
[71] RHODIA CHIMIE, FR  
[85] 2004-05-31  
[86] 2002-12-13 (PCT/FR2002/004343)  
[87] 2003-07-03 (WO2003/054058)  
[30] FR (01/16232) 2001-12-14

[21] **2,468,864**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04Q 3/00**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR PROVIDING RELIABLE TELEPHONY WEB-BASED FEATURES**  
[54] **SYSTEME ET PROCEDE ASSURANT DES FONCTIONS DE TELEPHONIE INTERNET FIABLES**  
[72] SHAFFER, SHMUEL, US  
[72] CHRISTENSON, STEVEN L., US  
[72] SKRZYNSKI, MARK, US  
[72] CHADHA, TEJBANS, US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-05-31  
[86] 2002-12-11 (PCT/US2002/039681)  
[87] 2003-07-17 (WO2003/058920)  
[30] US (10/039,159) 2001-12-31

## PCT Applications Entering the National Phase

[21] **2,468,865**  
[13] A1

[51] **Int.Cl. 7G01V 3/28**  
[25] EN  
[54] **METHOD FOR DETERMINING ANISOTROPIC RESISTIVITY AND DIP ANGLE IN AN EARTH FORMATION**  
[54] **PROCEDE DE DETERMINATION DE LA RESISTIVITE ANISOTROPE ET DE L'ANGLE DE CHUTE DANS UNE FORMATION TERRESTRE**  
[72] HAGIWARA, TERUHIKO, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2004-05-31  
[86] 2002-12-03 (PCT/US2002/038693)  
[87] 2003-06-12 (WO2003/048813)  
[30] US (60/336,996) 2001-12-03

[21] **2,468,866**  
[13] A1

[51] **Int.Cl. 7C08F 220/06 7C08F 2/32 7D21H 17/42 7C08F 220/56**  
[25] EN  
[54] **ANIONIC COPOLYMERS PREPARED IN AN INVERSE EMULSION MATRIX AND THEIR USE IN PREPARING CELLULOSIC FIBER COMPOSITIONS**  
[54] **COPOLYMERES ANIONIQUES PREPARES DANS UNE MATRICE D'EMULSION INVERSE ET LEUR UTILISATION DANS LA PREPARATION DE COMPOSITIONS FIBREUSES CELLULOSIQUES**  
[72] ZHANG, FUSHAN, US  
[72] WALCHUK, BRIAN L., US  
[72] BRADY, RICHARD LEE, US  
[72] CAREY, WILLIAM SEAN, US  
[72] HARRINGTON, JOHN C., US  
[71] HERCULES INCORPORATED, US  
[85] 2004-05-31  
[86] 2002-12-06 (PCT/US2002/039143)  
[87] 2003-06-19 (WO2003/050152)  
[30] US (10/006,029) 2001-12-07

[21] **2,468,867**  
[13] A1

[51] **Int.Cl. 7G11B 7/004**  
[25] EN  
[54] **RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING REPRODUCTION OF GRAPHIC DATA AND RECORDING AND REPRODUCING METHODS AND APPARATUSES**  
[54] **SUPPORT D'ENREGISTREMENT PRESENTANT UNE STRUCTURE DE DONNEES POUR LA GESTION DE REPRODUCTION DE DONNEES GRAPHIQUES ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION**  
[72] KIM, BYUNG JIN, KR  
[72] UM, SOUNG HYUN, KR  
[72] SEO, KANG SOO, KR  
[72] PARK, SUNG WAN, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2004-05-31  
[86] 2003-09-30 (PCT/KR2003/001994)  
[87] 2004-04-15 (WO2004/032122)  
[30] KR (10-2002-0060256) 2002-10-02

[21] **2,468,868**  
[13] A1

[51] **Int.Cl. 7H04B 7/06**  
[25] EN  
[54] **METHOD FOR TRANSMIT DIVERSITY**  
[54] **PROCEDE D'EMISSION EN DIVERSITE**  
[72] BARASH, SHLOMO, IL  
[72] BONDARENKO, SERGEY, IL  
[72] MEIDAN, REUVEN, IL  
[72] SHPERLING, ITZHAK, IL  
[72] AMRAM, NOAM, IL  
[71] MOTOROLA, INC., US  
[85] 2004-05-31  
[86] 2002-11-26 (PCT/US2002/038086)  
[87] 2003-06-19 (WO2003/050969)  
[30] US (10/011,026) 2001-12-06

[21] **2,468,869**  
[13] A1

[51] **Int.Cl. 7G03B 21/62 7G02B 3/00 7G02B 3/06**  
[25] EN  
[54] **LENS ARRAY SHEET, TRANSPARENT SCREEN, AND REAR-PROJECTION DISPLAY**  
[54] **FEUILLE DE MOSAIQUE DE LENTILLES, ECRAN TRANSPARENT ET AFFICHEUR DE TYPE RETROPROJECTEUR**  
[72] TAKAHASHI, SUSUMU, JP  
[72] ABE, TAKASHI, JP  
[72] YOSHIDA, TSUTOMU, JP  
[72] EBINA, KAZUYOSHI, JP  
[71] TOPPAN PRINTING CO., LTD., JP  
[85] 2004-05-31  
[86] 2002-12-03 (PCT/JP2002/012655)  
[87] 2003-06-12 (WO2003/048856)  
[30] JP (2001-369216) 2001-12-03  
[30] JP (2002-241309) 2002-08-22

[21] **2,468,870**  
[13] A1

[51] **Int.Cl. 7B24D 3/00 7B24D 11/00**  
[25] EN  
[54] **ABRASIVE PRODUCT AND METHOD OF MAKING THE SAME**  
[54] **PRODUIT ABRASIF ET PROCEDE DE FABRICATION**  
[72] MINICK, CHRIS A., US  
[72] NELSON, ERIC W., US  
[72] ANNEN, MICHAEL J., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-05-31  
[86] 2002-11-04 (PCT/US2002/035298)  
[87] 2003-07-17 (WO2003/057409)  
[30] US (10/033,390) 2001-12-28

[21] **2,468,871**  
[13] A1

[51] **Int.Cl. 7A61B 17/04**  
[25] EN  
[54] **THREADED SUTURE ANCHOR AND METHOD OF USE**  
[54] **DISPOSITIF D'ANCRAGE FILETE POUR SUTURE ET PROCEDE D'UTILISATION**  
[72] SINNOTT, MARY M., US  
[72] CHERVITZ, ALAN, US  
[71] STRYKER ENDOSCOPY, US  
[85] 2004-05-31  
[86] 2002-10-17 (PCT/US2002/033099)  
[87] 2003-08-07 (WO2003/063713)  
[30] US (10/057,482) 2002-01-25

## Demandes PCT entrant en phase nationale

[21] **2,468,872**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD OF SECURITIZING A PORTFOLIO OF AT LEAST 30% DISTRESSED COMMERCIAL LOANS**  
[54] **PROCEDE PERMETTANT DE TITRISER UN PORTEFEUILLE COMPORTANT AU MOINS 30 % DE PRETS COMMERCIAUX EN DIFFICULTE**  
[72] TILTON, LYNN, US  
[72] TILTON, LYNN, US  
[71] TILTON, LYNN, US  
[85] 2004-05-31  
[86] 2002-11-22 (PCT/US2002/037551)  
[87] 2003-06-12 (WO2003/048895)  
[30] US (60/334,344) 2001-11-29  
[30] US (10/053,925) 2002-01-18

[21] **2,468,876**  
[13] A1

[51] **Int.Cl. 7D01F 6/46 7D01F 6/06 7D01F 1/10**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE MONOFILAMENTS DE POLYPROPYLENE, MONOFILAMENTS DE POLYPROPYLENE ET LEUR UTILISATION**  
[54] **METHOD FOR MAKING PROPYLENE MONOFILAMENTS, PROPYLENE MONOFILAMENTS AND THEIR USE**  
[72] SCHUTZE, GUSTAV, CH  
[71] RHODIA INDUSTRIAL YARNS AG, CH  
[85] 2004-05-27  
[86] 2002-12-03 (PCT/EP2002/013649)  
[87] 2003-06-12 (WO2003/048434)  
[30] CH (2001 2216/01) 2001-12-05

[21] **2,468,889**  
[13] A1

[51] **Int.Cl. 7B65D 5/02 7B65D 5/54**  
[25] FR  
[54] **BOITE POLYGONALE ET PLANCHE PREDECOUPEE UTILE POUR LA FABRIQUER**  
[54] **POLYGONAL BOX AND PRECUT PLANK USEFUL FOR MAKING SAME**  
[72] CHEKROUNE, HAKIM, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2004-05-27  
[86] 2002-11-28 (PCT/FR2002/004077)  
[87] 2003-06-05 (WO2003/045795)  
[30] FR (01/15487) 2001-11-30

[21] **2,468,890**  
[13] A1

[51] **Int.Cl. 7G06F 1/00**  
[25] FR  
[54] **PROCEDE DE SECURISATION D'UN ACCES A UNE RESSOURCE NUMERIQUE**  
[54] **METHOD FOR MAKING SECURE ACCESS TO A DIGITAL RESOURCE**  
[72] PLAGNE, SYLVAIN, FR  
[71] BOUYGUES TELECOM, FR  
[85] 2004-05-27  
[86] 2002-11-28 (PCT/FR2002/004094)  
[87] 2003-06-05 (WO2003/046730)  
[30] FR (01/15386) 2001-11-28

[21] **2,468,891**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04N 5/00**  
[25] FR  
[54] **METHODE POUR ACCEDER AUX COURRIERS ELECTRONIQUES VIDEO ET MULTIMEDIA**  
[54] **METHOD FOR ACCESSING VIDEO ELECTRONIC MAIL AND MULTIMEDIA**  
[72] LECOMTE, DANIEL, FR  
[71] MEDIALIVE, FR  
[85] 2004-05-27  
[86] 2002-11-28 (PCT/FR2002/004096)  
[87] 2003-06-05 (WO2003/047202)  
[30] FR (01/15388) 2001-11-28

[21] **2,468,899**  
[13] A1

[51] **Int.Cl. 7E21B 21/10**  
[25] EN  
[54] **FLOW ACTUATED VALVE FOR USE IN A WELLBORE**  
[54] **VANNE A ACTIONNEMENT PAR ECOULEMENT UTILISEE DANS UN PUIITS DE FORAGE**  
[72] DARBY, SCOTT A., US  
[72] LAUREL, DAVID F., US  
[72] BOUDREAU, JOSEPH JUDE, US  
[72] HEBERT, JOHN EMILE, US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2004-05-27  
[86] 2002-11-22 (PCT/GB2002/005404)  
[87] 2003-06-12 (WO2003/048509)  
[30] US (09/995,842) 2001-11-28

[21] **2,468,900**  
[13] A1

[51] **Int.Cl. 7E21B 43/10 7E21B 29/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXPANDING AND SEPARATING TUBULARS IN A WELLBORE**  
[54] **PROCEDE ET APPAREIL DE DEPLOIEMENT ET DE SEPARATION D'ELEMENTS TUBULAIRES DANS UN PUIITS DE FORAGE**  
[72] LAURITZEN, J. ERIC, US  
[72] PLUCHECK, CLAYTON STANLEY, US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2004-05-27  
[86] 2002-12-02 (PCT/GB2002/005412)  
[87] 2003-06-12 (WO2003/048520)  
[30] US (10/010,430) 2001-12-07

[21] **2,468,903**  
[13] A1

[51] **Int.Cl. 7C12N 15/48 7C07H 21/00 7A61K 48/00 7C07K 16/10 7A61P 31/14 7C07K 14/15 7A61K 38/16 7A61K 39/21 7A61K 39/395 7G01N 33/574 7C12Q 1/68 7C12Q 1/70 7A61K 31/7088**  
[25] EN  
[54] **ENDOGENOUS RETROVIRUS UP-REGULATED IN PROSTATE CANCER**  
[54] **RETROVIRUS ENDOGENE REGULE POSITIVEMENT DANS LE CANCER DE LA PROSTATE**  
[72] HARDY, STEPHEN F., US  
[72] GARCIA, PABLO, US  
[72] ESCOBEDO, JAIME, US  
[72] WILLIAMS, LEWIS T., US  
[71] CHIRON CORPORATION, US  
[85] 2004-06-07  
[86] 2002-12-09 (PCT/US2002/039136)  
[87] 2004-05-06 (WO2004/037972)  
[30] US (10/016,604) 2001-12-07  
[30] US (60/340,640) 2001-12-07  
[30] US (PCT/US01/47824) 2001-12-07  
[30] US (60/388,046) 2002-06-12

## PCT Applications Entering the National Phase

[21] **2,468,904**  
[13] A1

[51] **Int.Cl. 7G06K 11/08 7G06F 3/033 7G06K 11/18 7G06K 11/20**

[25] EN

[54] **DEVICE AND METHOD FOR CALCULATING A LOCATION ON A DISPLAY**

[54] **DISPOSITIF ET PROCEDE POUR CALCULER UN EMPLACEMENT D’AFFICHAGE**

[72] HOILE, CEFN RICHARD, GB

[71] **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB**

[85] 2004-05-27

[86] 2002-12-20 (PCT/GB2002/005846)

[87] 2003-07-10 (WO2003/056505)

[30] EP (01310832.9) 2001-12-21

[21] **2,468,905**  
[13] A1

[51] **Int.Cl. 7A23C 20/00 7C12N 1/20 7A23L 1/23 7A23L 1/30**

[25] EN

[54] **CHEESE FLAVOUR INGREDIENT AND METHOD OF ITS PRODUCTION**

[54] **SUBSTANCE AROMATIQUE DE FROMAGE ET PROCEDE DE FABRICATION**

[72] HAYES, MICHELLE, NZ

[72] CURRY, BRIAN JAMES, NZ

[72] HOLLAND, ROSS, NZ

[72] CROW, VAUGHAN LESLIE, NZ

[72] SCHOFIELD, RACHEL HELEN, NZ

[72] SAMAL, PRABANDHA KUMAR, NZ

[71] **FONTERRA CO-OPERATIVE GROUP LIMITED, NZ**

[85] 2004-06-01

[86] 2002-12-02 (PCT/NZ2002/000266)

[87] 2003-06-12 (WO2003/047358)

[30] NZ (515881) 2001-12-03

[21] **2,468,906**  
[13] A1

[51] **Int.Cl. 7A61K 33/04 7A61P 17/00 7A61P 29/00 7A61P 1/02 7A61P 31/12**

[25] EN

[54] **USE OF SELENITE-CONTAINING COMPOUNDS TO BE TOPICALLY OR BUCCALLY ADMINISTERED**

[54] **UTILISATION DE COMPOSES CONTENANT DU SELENITE POUR PRODUIRE UN AGENT A ADMINISTRER PAR VOIE TOPIQUE OU BUCCALE**

[72] FUCHS, NORBERT, AT

[72] KOESSLER, PETER, AT

[72] KUKLINSKI, BODO, DE

[71] **VIS-VITALIS LIZENZ-UND**

**HANDELS AG, AT**

[85] 2004-06-01

[86] 2002-12-04 (PCT/AT2002/000336)

[87] 2003-06-12 (WO2003/047604)

[30] AT (A 1895/2001) 2001-12-04

[21] **2,468,908**  
[13] A1

[51] **Int.Cl. 7A61F 2/44 7A61F 2/46**

[25] EN

[54] **INTERVERTEBRAL DISK PROSTHESIS OR NUCLEUS**

**REPLACEMENT PROSTHESIS**

[54] **PROTHESE DE DISQUE**

**VERTEBRAL OU PROTHESE DE**

**REMPLACEMENT DE NOYAU**

[72] STUDER, ARMIN, CH

[71] **MATHYS MEDIZINALTECHNIK AG, CH**

[85] 2004-06-01

[86] 2001-12-05 (PCT/CH2001/000700)

[87] 2003-06-12 (WO2003/047472)

[21] **2,468,909**  
[13] A1

[51] **Int.Cl. 7C01C 1/04 7B01J 35/10 7B01J 21/18 7B01J 23/46 7B01J 23/58**

[25] EN

[54] **CATALYSTS FOR AMMONIA SYNTHESIS**

[54] **CATALYSEURS POUR LA**

**SYNTHESE DE L’AMMONIAC**

[72] FORNI, LUCIO, IT

[72] PERNICONE, NICOLA, IT

[71] **UNIVERSITA’ DEGLI STUDI DI MILANO, IT**

[85] 2004-06-01

[86] 2002-10-18 (PCT/EP2002/011707)

[87] 2003-06-12 (WO2003/048045)

[30] IT (MI2001A002565) 2001-12-05

[21] **2,468,910**  
[13] A1

[51] **Int.Cl. 7A61K 31/192 7A61P 29/00 7A61P 43/00 7A61K 31/341 7A61K 31/36**

[25] EN

[54] **USE OF 4-OXOBUTANOIC ACID DERIVATIVES IN THE TREATMENT OF INFLAMMATION**

[54] **UTILISATION DE DERIVES DE L’ACIDE 4-OXOBUTANOIQUE POUR LE TRAITEMENT**

**D’INFLAMMATIONS**

[72] MAIZERAY, PHILIPPE, FR

[72] MARAIS, DOMINIQUE, FR

[72] MOINET, GERARD, FR

[71] **MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE**

[85] 2004-06-01

[86] 2002-11-06 (PCT/EP2002/012357)

[87] 2003-06-12 (WO2003/047561)

[30] FR (01/15601) 2001-12-03

[21] **2,468,911**  
[13] A1

[51] **Int.Cl. 7C09K 3/00 7A23G 1/00 7C12P 7/64**

[25] EN

[54] **GLYCERIN TRIESTER PLASTICIZER**

[54] **PLASTIFIANT A BASE DE**

**TRIESTER DE GLYCERINE**

[72] ZHOU, LEI, US

[72] PAUL, DAVID, US

[72] SCHAEFER, GEORGE, US

[72] KNICKMEYER, WILLIAM K., US

[71] **FERRO CORPORATION, US**

[85] 2004-05-31

[86] 2002-12-20 (PCT/US2002/040830)

[87] 2003-07-03 (WO2003/054106)

[30] US (10/027,810) 2001-12-20

[21] **2,468,912**  
[13] A1

[51] **Int.Cl. 7A61F 13/00**

[25] EN

[54] **VENTED VACUUM BANDAGE AND METHOD**

[54] **PANSEMENT SOUS VIDE**

**VENTILE ET PROCEDE**

[72] PETROSENKO, ROBERT, US

[72] LOCKWOOD, JEFFREY S., US

[71] **HILL-ROM SERVICES, INC., US**

[85] 2004-05-31

[86] 2002-12-20 (PCT/US2002/041228)

[87] 2003-07-17 (WO2003/057070)

[30] US (60/344,588) 2001-12-26

[30] US (60/394,809) 2002-07-10

[30] US (60/394,970) 2002-07-10

## Demandes PCT entrant en phase nationale

[21] **2,468,913**  
[13] A1

[51] **Int.Cl. 7A61M 1/00 7G01F 1/58**  
[25] EN  
[54] **COLLECTION RESERVOIR FOR USE WITH FLOW METER CONTROL SYSTEM**  
[54] **RESERVOIR DE COLLECTE S'UTILISANT AVEC UN REGULATEUR DE DEBIT**  
[72] NEUBERT, WILLIAM J., US  
[71] BAUSCH & LOMB, INCORPORATED, US  
[85] 2004-05-27  
[86] 2002-11-21 (PCT/US2002/037526)  
[87] 2003-06-12 (WO2003/047652)  
[30] US (09/997,901) 2001-11-30

[21] **2,468,914**  
[13] A1

[51] **Int.Cl. 7B32B 27/36**  
[25] EN  
[54] **MULTI-LAYER PRODUCT**  
[54] **PRODUIT MULTICOUCHE**  
[72] ROELOFS, MARCO, DE  
[72] ANDERS, SIEGFRIED, DE  
[72] NISING, WOLFGANG, DE  
[72] ROEHNER, JUERGEN, DE  
[72] GORNY, RUEDIGER, DE  
[71] BAYER MATERIALSCIENCE AG, DE  
[85] 2004-06-01  
[86] 2002-11-21 (PCT/EP2002/013062)  
[87] 2003-06-12 (WO2003/047856)  
[30] DE (101 59 373.2) 2001-12-04

[21] **2,468,915**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR A REVERSE LINK SUPPLEMENTAL CHANNEL SCHEDULING**  
[54] **PROCEDE ET APPAREIL CONCUS POUR LA PLANIFICATION D'UN CANAL SUPPLEMENTAIRE DE LIAISON INVERSE**  
[72] HO, SAI YIU DUNCAN, US  
[72] TIEDEMANN, EDWARD G., JR., US  
[72] SINNARAJAH, RAGULAN, US  
[72] WANG, JUN, US  
[72] REZAIIFAR, RAMIN, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-06-01  
[86] 2002-11-27 (PCT/US2002/038340)  
[87] 2003-06-12 (WO2003/049005)  
[30] US (60/336,756) 2001-12-04  
[30] US (10/170,950) 2002-06-12

[21] **2,468,916**  
[13] A1

[51] **Int.Cl. 7A61K 31/505 7A61P 35/00 7A61K 47/12**  
[25] EN  
[54] **PLATINUM DERIVATIVE PHARMACEUTICAL FORMULATIONS**  
[54] **FORMULATIONS PHARMACEUTIQUES RENFERMANT UN DERIVE DU PLATINE**  
[72] CIOCCA, CRISTINA, IT  
[72] MARTINI, ALESSANDRO, IT  
[72] LAURIA, SARA, IT  
[71] PHARMACIA ITALIA S.P.A., IT  
[85] 2004-06-01  
[86] 2002-11-22 (PCT/EP2002/013146)  
[87] 2003-06-12 (WO2003/047587)  
[30] US (10/010,122) 2001-12-06

[21] **2,468,917**  
[13] A1

[51] **Int.Cl. 7A61K 7/00**  
[25] EN  
[54] **PACKAGING MEANS FOR PERSONAL CARE PRODUCTS**  
[54] **MOYEN D'EMBALLAGE POUR PRODUITS DE SOINS PERSONNELS**  
[72] KAWAM, ANTOINE, US  
[72] STAFFORD, RICHARD E., US  
[71] THE GILLETTE COMPANY, US  
[85] 2004-05-31  
[86] 2002-12-11 (PCT/US2002/039648)  
[87] 2003-07-17 (WO2003/057181)  
[30] US (10/034,966) 2001-12-26

[21] **2,468,918**  
[13] A1

[51] **Int.Cl. 7H03H 7/075 7H03H 7/03**  
[25] EN  
[54] **ANALOG BANDPASS FILTER**  
[54] **FILTRE PASSE-BANDE ANALOGIQUE**  
[72] GONZALEZ MORENO, JOSE LUIS, ES  
[72] VIDAL ROS, JOSE MARIA, ES  
[72] POVEDA LERMA, ANTONIO, ES  
[71] DISENO DE SISTEMAS EN SILICIO, S.A., ES  
[85] 2004-06-01  
[86] 2002-11-12 (PCT/ES2002/000523)  
[87] 2003-06-12 (WO2003/049286)  
[30] ES (P 0102688) 2001-12-03

[21] **2,468,919**  
[13] A1

[51] **Int.Cl. 7H04B 1/69**  
[25] EN  
[54] **ERROR DETECTION CODE GENERATING METHOD AND ERROR DETECTION CODE GENERATOR**  
[54] **PROCEDE D'ELABORATION D'UN CODE DE DETECTION D'ERREURS, ET GENERATEUR DE CODE CORRESPONDANT**  
[72] LEE, YOUNG-JO, KR  
[72] YUN, YOUNG-WOO, KR  
[72] YOON, SUK-HYON, KR  
[72] YOU, CHEOL-WOO, KR  
[72] KWON, SOON-YIL, KR  
[72] KIM, KI-JUN, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2004-06-01  
[86] 2002-12-02 (PCT/KR2002/002269)  
[87] 2003-06-12 (WO2003/049308)  
[30] KR (2001/76756) 2001-12-05  
[30] KR (2001/76757) 2001-12-05

[21] **2,468,920**  
[13] A1

[51] **Int.Cl. 7A61M 25/00 7A61M 29/02 7A61M 25/06 7A61M 25/10**  
[25] EN  
[54] **HYPOTUBE WITH IMPROVED STRAIN RELIEF FOR A CATHETER**  
[54] **HYPOTUBE A REDUCTION DE TENSION AMELIOREE**  
[72] EIDENSCHINK, TRACEE E. J., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-05-31  
[86] 2002-12-17 (PCT/US2002/040496)  
[87] 2003-07-17 (WO2003/057303)  
[30] US (10/034,448) 2001-12-28

## PCT Applications Entering the National Phase

---

[21] **2,468,921**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/00 7H04L 29/06**  
[25] EN  
[54] **SERVICE ACCESS AND  
CONFERRING SYSTEM AND  
METHOD IN A  
TELECOMMUNICATIONS NETWORK**  
[54] **SYSTEME ET PROCEDE D'ACCES  
A DES SERVICES ET A UN RESEAU DE  
TELECONFERENCE DANS UN  
RESEAU DE TELECOMMUNICATIONS**  
[72] CHANEY, ADAM, US  
[72] BRADY, CONOR, US  
[72] TIDWELL, PAUL, US  
[71] TELEFONAKTIEBOLAGET LM  
ERICSSON (PUBL), SE  
[85] 2004-06-01  
[86] 2002-12-06 (PCT/IB2002/005169)  
[87] 2003-06-12 (WO2003/049459)  
[30] US (10/013,093) 2001-12-07  
[30] US (10/060,747) 2002-01-30

---

[21] **2,468,923**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
ORIGIN-DESTINATION PASSENGER  
DEMAND FORECAST INFERENCE**  
[54] **PROCEDE ET SYSTEME  
D'INFERENCE POUR PREVISION DE  
DEMANDES PASSAGERS DE PAIRES  
ORIGINE-DESTINATION**  
[72] BLANKENBAKER, JOHN, US  
[72] LIM, ALVIN, US  
[72] DAVID, ANDREW, US  
[71] DELTA AIR LINES, INC., US  
[85] 2004-06-01  
[86] 2002-12-11 (PCT/US2002/039621)  
[87] 2003-06-26 (WO2003/052550)  
[30] US (60/341,442) 2001-12-14  
[30] US (10/313,556) 2002-12-06

---

[21] **2,468,927**  
[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 221/00  
7C07D 223/00 7C07D 231/00 7A61P 25/00  
7C07D 487/04 7C07D 471/10 7C07D 487/  
10 7A61K 31/437 7A61K 31/55**  
[25] EN  
[54] **RING FUSED PYRAZOLE  
DERIVATIVES**  
[54] **DERIVES DE PYRAZOLE A  
FUSION SUR LE CYCLE**  
[72] LOUGHHEAD, DAVID GARRETT,  
US  
[72] O'YANG, COUNDE, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2004-06-01  
[86] 2002-11-26 (PCT/EP2002/013267)  
[87] 2003-06-12 (WO2003/048160)  
[30] US (60/336,751) 2001-12-04  
[30] US (60/408,613) 2002-09-06

---

[21] **2,468,928**  
[13] A1  
[51] **Int.Cl. 7H03K 19/0185 7H03K 19/017**  
[25] EN  
[54] **HIGH-SPEED OUTPUT CIRCUIT  
WITH LOW VOLTAGE CAPABILITY**  
[54] **CIRCUIT DE SORTIE A VITESSE  
ELEVEE POUVANT FONCTIONNER A  
BASSE TENSION**  
[72] NGUYEN, ANDY T., US  
[72] HUANG, GUBO, US  
[72] NGUYEN, HY V., US  
[71] XILINX, INC., US  
[85] 2004-06-01  
[86] 2002-12-06 (PCT/US2002/039042)  
[87] 2003-06-26 (WO2003/052934)  
[30] US (10/016,950) 2001-12-13

---

[21] **2,468,930**  
[13] A1  
[51] **Int.Cl. 7C08G 69/34 7C08G 59/00  
7C08L 77/00 7C08G 73/02 7C08L 71/02  
7C08L 23/08 7C08G 69/48**  
[25] EN  
[54] **METHYL ACRYLATE-DIAMINE  
BASED POLYAMIDE RESINS AND  
PROCESSES FOR PRODUCING THE  
SAME**  
[54] **RESINES POLYAMIDIQUES A  
BASE D'ACRYLATE DE METHYLE-  
HYDRAZINE ET LEURS PROCEDES DE  
PRODUCTION**  
[72] STAIB, RONALD R., US  
[72] MICHEL, ARMIN, NL  
[72] MASLANKA, WILLIAM W., US  
[72] CHENG, HUAI N., US  
[72] GU, QU-MING, US  
[71] HERCULES INCORPORATED, US  
[85] 2004-05-31  
[86] 2002-12-20 (PCT/US2002/040860)  
[87] 2003-07-17 (WO2003/057760)  
[30] US (10/032,651) 2001-12-27

---

[21] **2,468,931**  
[13] A1  
[51] **Int.Cl. 7H04B 1/38**  
[25] EN  
[54] **BOOSTER AMPLIFIER FOR  
CELLULAR TELEPHONE CRADLES**  
[54] **SURAMPLIFICATEUR POUR  
SUPPORTS DE TELEPHONES  
CELLULAIRES**  
[72] FRIESEN, ELWOOD DALEN GRANT,  
CA  
[72] SCHELLEKENS, WYBRANDUS  
THEODORE, CA  
[71] ARRISTA TECHNOLOGIES, INC., CA  
[85] 2004-05-27  
[86] 2001-12-12 (PCT/IB2001/002864)  
[87] 2003-06-05 (WO2003/047120)  
[30] US (09/995,291) 2001-11-27

---

[21] **2,468,932**  
[13] A1  
[51] **Int.Cl. 7H04B 10/18 7G02B 6/34**  
[25] EN  
[54] **POLARISATION MODE  
DISPERSION COMPENSATOR**  
[54] **COMPENSATEUR DE DISPERSION  
DE MODE DE POLARISATION**  
[72] COLAVOLPE, GIULIO, IT  
[72] FORESTIERI, ENRICO, IT  
[71] MARCONI COMMUNICATIONS  
SPA, IT  
[85] 2004-05-27  
[86] 2002-11-29 (PCT/IB2002/005446)  
[87] 2003-06-19 (WO2003/050984)  
[30] IT (MI2001A002632) 2001-12-13

## Demandes PCT entrant en phase nationale

[21] **2,468,933**  
[13] A1

[51] **Int.Cl. 7A61K 35/22 7A61K 38/22**  
[25] EN  
[54] **METHOD FOR OBTAINING OESTROGEN FROM MARE URINE**  
[54] **PROCEDE D'OBTENTION D'ESTROGENES A PARTIR D'URINE DE JUMENT**  
[72] RUPP, OLAF, DE  
[72] RASCHE, HEINZ-HELMER, DE  
[71] SOLVAY PHARMACEUTICALS GMBH., DE  
[85] 2004-06-01  
[86] 2002-11-27 (PCT/EP2002/013343)  
[87] 2003-06-12 (WO2003/048183)  
[30] DE (101 59 161.6) 2001-12-01

[21] **2,468,934**  
[13] A1

[51] **Int.Cl. 7A61B 17/50**  
[25] EN  
[54] **ELECTRICAL HAIR BUFFING APPARATUS**  
[54] **APPAREIL D'EPILATION ELECTRIQUE**  
[72] DAVIS, ALICE, US  
[72] ZAINO, NANCY, US  
[72] ASHWORTH, STEVEN, US  
[72] LEE, KWOK KAY, CN  
[71] SPARTAN IMPORT & EXPORT, LLC, US  
[71] MAIN POWER ELECTRICAL FACTORY, LTD., HK  
[85] 2004-05-31  
[86] 2002-12-20 (PCT/US2002/040888)  
[87] 2003-07-17 (WO2003/057999)  
[30] US (60/346,417) 2001-12-29  
[30] US (10/313,115) 2002-12-09

[21] **2,468,936**  
[13] A1

[51] **Int.Cl. 7E21B 33/138 7E21B 33/13 7E21B 33/14**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR SEALING AN EXPANDABLE TUBULAR IN A WELLBORE**  
[54] **PROCEDES ET COMPOSITIONS D'ETANCHEIFICATION DE TUBE EXTENSIBLE DANS UN Puits DE FORAGE**  
[72] CULOTTA, ANNE M., US  
[72] RAO, M. VIKRAM, US  
[72] BROTHERS, LANCE E., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2004-06-01  
[86] 2002-11-29 (PCT/GB2002/005416)  
[87] 2003-06-12 (WO2003/048514)  
[30] US (10/006,109) 2001-12-04  
[30] US (10/243,001) 2002-09-13

[21] **2,468,938**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20 7H04Q 7/38**  
[25] EN  
[54] **APPARATUS AND METHOD OF USING A CIPHERING KEY IN A HYBRID COMMUNICATIONS NETWORK**  
[54] **APPAREIL ET PROCEDE D'UTILISATION D'UNE CLE DE CHIFFREMENT DANS UN RESEAU DE TELECOMMUNICATION HYBRIDE**  
[72] HUNTER, ANDREW T., US  
[72] HOLCMAN, ALEJANDRO R., US  
[72] JAIN, NIKHIL, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-06-01  
[86] 2002-12-05 (PCT/US2002/039209)  
[87] 2003-06-19 (WO2003/051072)  
[30] US (60/340,755) 2001-12-07  
[30] US (60/350,401) 2002-01-17  
[30] US (10/077,502) 2002-02-14  
[30] US (60/358,491) 2002-02-19

[21] **2,468,939**  
[13] A1

[51] **Int.Cl. 7H04Q 7/30 7H04L 12/56**  
[25] EN  
[54] **METHOD AND SYSTEM FOR FLOW CONTROL BETWEEN A BASE STATION CONTROLLER AND A BASE TRANSCEIVER STATION**  
[54] **PROCEDE ET SYSTEME DE COMMANDE DE FLUX ENTRE UNE UNITE DE COMMANDE DE STATION DE BASE ET UNE STATION EMETTRICE-RECEPTRICE DE BASE**  
[72] WOODAHL, LEIF, US  
[72] KONGELF, MICHAEL A., US  
[72] KAMATH, SANJAY, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-06-01  
[86] 2002-11-12 (PCT/US2002/036642)  
[87] 2003-06-19 (WO2003/051078)  
[30] US (10/010,990) 2001-12-05

[21] **2,468,940**  
[13] A1

[51] **Int.Cl. 7E21B 33/138 7E21B 33/14**  
[25] EN  
[54] **RESILIENT CEMENT**  
[54] **CIMENT RESILIENT**  
[72] BROTHERS, LANCE E., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2004-06-01  
[86] 2002-12-02 (PCT/GB2002/005447)  
[87] 2003-06-12 (WO2003/048515)  
[30] US (10/006,109) 2001-12-04

[21] **2,468,944**  
[13] A1

[51] **Int.Cl. 7A61K 38/19 7A61P 1/04 7C12N 5/06 7A61P 1/16 7C12N 15/19 7A61K 35/28 7A61K 39/29 7C07K 14/52 7C07K 14/715**  
[25] EN  
[54] **MIGRATION OF HEMATOPOIETIC STEM CELLS AND PROGENITOR CELLS TO THE LIVER**  
[54] **MIGRATION DE CELLULES SOUCHES HEMATOPOIETIQUES ET DE CELLULES PROGENITRICES HEMATOPOIETIQUES VERS LE FOIE**  
[72] KOLLET, ORIT, IL  
[72] LAPIDOT, TSVEE, IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[85] 2004-06-01  
[86] 2002-12-05 (PCT/IL2002/000988)  
[87] 2003-06-12 (WO2003/047616)  
[30] IL (146970) 2001-12-06

## PCT Applications Entering the National Phase

---

[21] **2,468,946**  
[13] A1  
[51] **Int.Cl. 7A61K 7/00 7A61P 17/00**  
**7C08F 290/06 7C08F 220/12 7A61K 7/40**  
**7A61K 7/48**  
[25] EN  
[54] **EXTERNAL PREPARATION FOR**  
**THE SKIN AND COPOLYMER TO BE**  
**USED THEREIN**  
[54] **PREPARATION EXTERNE POUR**  
**LA PEAU ET COPOLYMERE UTILISE**  
**A CET EFFET**  
[72] IYANAGI, HIROKAZU, JP  
[71] POLA CHEMICAL INDUSTRIES  
INC., JP  
[85] 2004-06-01  
[86] 2002-08-27 (PCT/JP2002/008617)  
[87] 2003-06-12 (WO2003/047535)  
[30] JP (2001-371324) 2001-12-05

---

[21] **2,468,949**  
[13] A1  
[51] **Int.Cl. 7G08B 13/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR**  
**ASSET TRACKING WITH**  
**ORGANIZATION-PROPERTY-**  
**INDIVIDUAL MODEL**  
[54] **SYSTEME ET PROCEDE DE SUIVI**  
**D'ACTIFS AU MOYEN D'UN MODELE**  
**ORGANISATION-BIEN-INDIVIDU**  
[72] RAPOSO, PAUL, US  
[72] HOFFMAN, DAVID, CA  
[72] HOLMES, MARIA, US  
[72] VON CONTA, RODRIGO, US  
[72] ORTON, J. R., III, US  
[72] ROMAN, KENDYL A., US  
[71] CENTRIC MEDIA, INC., US  
[85] 2004-05-31  
[86] 2002-12-26 (PCT/US2002/041398)  
[87] 2003-07-17 (WO2003/058397)  
[30] US (60/344,740) 2001-12-26  
[30] US (10/328,350) 2002-12-23

---

[21] **2,468,951**  
[13] A1  
[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **ADVANCED ENDOVASCULAR**  
**GRAFT**  
[54] **GREFFON ENDOVASCULAIRE**  
**EVOLUE**  
[72] CHOBOTOV, MICHAEL V., US  
[72] STEPHENS, W. PATRICK, US  
[72] GLYNN, BRIAN A., US  
[72] ZACHARIAS, ISAAC J., US  
[72] WHIRLEY, ROBERT G., US  
[72] KARI, STUART E., US  
[72] MARTHALER, JOHN M., US  
[71] TRIVASCULAR, INC., US  
[85] 2004-06-01  
[86] 2002-12-20 (PCT/US2002/041338)  
[87] 2003-07-03 (WO2003/053288)  
[30] US (10/029,559) 2001-12-20  
[30] US (10/091,641) 2002-03-05

---

[21] **2,468,952**  
[13] A1  
[51] **Int.Cl. 7B29B 11/16**  
[25] EN  
[54] **FIBER-REINFORCED**  
**COMPOSITE MATERIAL AND**  
**METHOD FOR PRODUCTION**  
**THEREOF**  
[54] **MATERIAU COMPOSITE A**  
**FIBRES ET SON PROCEDE DE**  
**PRODUCTION**  
[72] KITANO, AKIHIKO, JP  
[72] YAMASAKI, MASAOKI, JP  
[72] SHINODA, TOMOYUKI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2004-06-01  
[86] 2002-12-04 (PCT/JP2002/012699)  
[87] 2003-06-12 (WO2003/047830)  
[30] JP (2001-372911) 2001-12-06  
[30] JP (2002-046207) 2002-02-22

---

[21] **2,468,954**  
[13] A1  
[51] **Int.Cl. 7A61M 16/04**  
[25] EN  
[54] **SURFACE ENERGY ASSISTED**  
**FLUID TRANSPORT SYSTEM AND**  
**METHOD**  
[54] **SYSTEME ET PROCEDE FAISANT**  
**APPEL A L'ENERGIE DE SURFACE**  
**POUR FAVORISER LE TRANSPORT DE**  
**FLUIDES**  
[72] JOHNSON, ROGER N., US  
[71] EIDON, LLC, US  
[85] 2004-06-01  
[86] 2002-12-18 (PCT/US2002/040376)  
[87] 2003-07-10 (WO2003/055553)  
[30] US (60/343,495) 2001-12-21  
[30] US (10/321,790) 2002-12-16

---

[21] **2,468,956**  
[13] A1  
[51] **Int.Cl. 7C08K 3/00 7C08F 292/00**  
**7C08K 9/04 7C09C 3/08**  
[25] EN  
[54] **ULTRASONIC METHOD FOR THE**  
**PRODUCTION OF INORGANIC/**  
**ORGANIC HYBRID NANOCOMPOSITE**  
[54] **PROCEDE DE PRODUCTION DE**  
**NANOCOMPOSITES INORGANIQUES/**  
**ORGANIQUES HYBRIDES PAR**  
**ULTRASONS**  
[72] WANG, ZHIKAI, US  
[71] UCB, S.A., BE  
[85] 2004-06-01  
[86] 2002-12-19 (PCT/EP2002/014545)  
[87] 2003-07-10 (WO2003/055939)  
[30] US (10/028,735) 2001-12-28

---

[21] **2,468,957**  
[13] A1  
[51] **Int.Cl. 7C12N 7/00 7C12N 7/04**  
**7A61K 39/145 7C12N 5/22 7C12N 15/54**  
[25] EN  
[54] **PRODUCTION OF VIRUSES,**  
**VIRAL ISOLATES AND VACCINES**  
[54] **PRODUCTION DE VIRUS,**  
**D'ISOLATS VIRAUX ET DE VACCINS**  
[72] UYTDEHAAG, ALPHONSUS  
GERARDUS CORNELIS MARIA, NL  
[72] MARZIO, GIUSEPPE, NL  
[72] PAU, MARIA GRAZIA, NL  
[72] OPSTELTEN, DIRK JAN ELBERTUS,  
NL  
[71] CRUCCELL HOLLAND B.V., NL  
[85] 2004-06-01  
[86] 2002-12-09 (PCT/NL2002/000804)  
[87] 2003-06-12 (WO2003/048348)  
[30] NL (PCT/NL01/00892) 2001-12-07  
[30] EP (02075327.3) 2002-01-25

## Demandes PCT entrant en phase nationale

[21] **2,468,958**  
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 31/7036 7A61K 9/72**  
[25] EN  
[54] **PULMONARY DELIVERY OF AMINOGLYCOSIDES**  
[54] **ADMINISTRATION PULMONAIRE D'AMINOGLYCOSIDES**  
[72] WEERS, JEFFRY G., US  
[72] VENTHOYE, GERALDINE, US  
[72] TARARA, THOMAS E., US  
[71] NEKTAR THERAPEUTICS, US  
[85] 2004-06-01  
[86] 2002-12-19 (PCT/US2002/041733)  
[87] 2003-07-03 (WO2003/053411)  
[30] US (60/342,827) 2001-12-19

[21] **2,468,959**  
[13] A1

[51] **Int.Cl. 7A61M 25/01 7B21F 15/08**  
[25] EN  
[54] **GUIDEWIRE DISTAL TIP SOLDERING METHOD**  
[54] **PROCEDE DE SOUDAGE DE L'EXTREMITÉ DISTALE D'UN FIL-GUIDE**  
[72] MATZEN, ALAN C., US  
[72] EUNGARD, TODD D., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-06-01  
[86] 2002-11-22 (PCT/US2002/037674)  
[87] 2003-06-12 (WO2003/047677)  
[30] US (10/008,447) 2001-12-03

[21] **2,468,960**  
[13] A1

[51] **Int.Cl. 7A63C 1/00**  
[25] EN  
[54] **HEATING ARRANGEMENT FOR ICE SKATE BLADES**  
[54] **SYSTEME DE CHAUFFAGE POUR LAMES DE PATINS A GLACE**  
[72] FURZER, JEREMY, CA  
[72] WEBER, TORY, CA  
[71] THERMA BLADE INC., CA  
[85] 2004-06-01  
[86] 2002-12-10 (PCT/CA2002/001898)  
[87] 2003-07-03 (WO2003/053529)  
[30] US (10/015,221) 2001-12-12

[21] **2,468,962**  
[13] A1

[51] **Int.Cl. 7H01Q 1/38 7H01Q 21/00**  
[25] EN  
[54] **ENHANCED BANDWIDTH SINGLE LAYER CURRENT SHEET ANTENNA**  
[54] **ANTENNE A FEUILLE DE COURANT MONOCOUCHE A BANDE PASSANTE AMELIOREE**  
[72] CROSWELL, WILLIAM F., US  
[72] DURHAM, TIMOTHY E., US  
[72] RAWNICK, JAMES JOSEPH, US  
[71] HARRIS CORPORATION, US  
[85] 2004-06-01  
[86] 2003-01-14 (PCT/US2003/000960)  
[87] 2003-07-31 (WO2003/063295)  
[30] US (10/052,288) 2002-01-17

[21] **2,468,963**  
[13] A1

[51] **Int.Cl. 7A61F 2/38**  
[25] EN  
[54] **TISSUE EXPANDER WITH PROTECTION AGAINST ACCIDENTAL PUNCTURE**  
[54] **DISPOSITIF EXTENSEUR DE TISSUS AVEC PROTECTION CONTRE UNE PERFORATION ACCIDENTELLE**  
[72] LABARGE, JOHN, US  
[72] HARLOW, JAMES, US  
[72] GUEST, ROBERT L., US  
[72] FALCON, ANITA M., US  
[71] MENTOR CORPORATION, US  
[85] 2004-06-01  
[86] 2003-01-31 (PCT/US2003/002794)  
[87] 2003-08-14 (WO2003/065940)  
[30] US (10/061,533) 2002-02-01

[21] **2,468,964**  
[13] A1

[51] **Int.Cl. 7B66C 13/08 7C25C 7/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSFERRING SHEET-LIKE OBJECTS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT LE TRANSFERT D'OBJETS EN FEUILLE**  
[72] KIVISTO, TUOMO, FI  
[72] MARTTILA, TOM, FI  
[71] OUTOKUMPU OYJ, FI  
[85] 2004-06-01  
[86] 2002-11-29 (PCT/FI2002/000962)  
[87] 2003-07-03 (WO2003/053839)  
[30] FI (20012391) 2001-12-05

[21] **2,468,965**  
[13] A1

[51] **Int.Cl. 7A61K 31/4196 7A61P 35/00**  
[25] EN  
[54] **USE OF ANASTROZOLE FOR THE TREATMENT OF POST-MENOPAUSAL WOMEN HAVING EARLY BREAST CANCER**  
[54] **UTILISATION DE L'ANASTROZOLE POUR LE TRAITEMENT DU CANCER DU SEIN A UN STADE PRECOCE CHEZ LES FEMMES MENOPAUSEES**  
[72] DUKES, MICHAEL, GB  
[72] VOSE, BRENT, GB  
[72] PLOURDE, PAUL, US  
[72] ROGERS, ANTHONY, US  
[71] ASTRAZENECA AB, SE  
[85] 2004-06-01  
[86] 2002-12-06 (PCT/GB2002/005554)  
[87] 2003-07-03 (WO2003/053438)  
[30] GB (0129457.8) 2001-12-10

[21] **2,468,966**  
[13] A1

[51] **Int.Cl. 7E02F 3/36**  
[25] EN  
[54] **CONNECTOR ASSEMBLY FOR MOUNTING AN IMPLEMENT TO A PRIME MOVER**  
[54] **ENSEMBLE CONNECTEUR POUR LE MONTAGE D'UN INSTRUMENT SUR UN ELEMENT MOTEUR**  
[72] CRANE, JEFFREY, US  
[72] GRZNAR, DANNY, US  
[71] KENT DEMOLITION, INC., US  
[85] 2004-06-01  
[86] 2003-01-14 (PCT/US2003/001243)  
[87] 2003-08-21 (WO2003/069077)  
[30] US (10/047,278) 2002-01-14  
[30] US (10/219,593) 2002-08-15

## PCT Applications Entering the National Phase

[21] **2,468,967**  
[13] A1

[51] **Int.Cl. 7A61K 31/40 7C07D 405/04 7C07D 409/04 7A61P 3/04 7C07D 207/06 7C07D 207/10 7C07D 207/12 7C07D 295/12 7C07D 401/12 7C07D 403/12 7C07D 207/14 7C07D 211/34 7C07D 333/36 7A61K 31/381 7C07C 275/40 7A61K 31/4409 7A61K 31/4453 7A61K 31/4465 7C07D 209/52 7C07D 213/75 7C07D 211/96**

[25] EN  
[54] **N-ARYL-N'-ARYLCYCLOALKYL-UREA DERIVATIVES AS MCH ANTAGONISTS FOR THE TREATMENT OF OBESITY**  
[54] **DERIVES DU N-ARYL-N'-ARYLCYCLOALKYL-UREE, ANTAGONISTES DE L'HORMONE MCH, TRAITANT L'OBESITE**  
[72] CLADER, JOHN W., US  
[72] PALANI, ANANDAN, US  
[72] XU, RUO, US  
[72] TANG, HAIQUN, US  
[72] SU, JING, US  
[72] MC BRIAR, MARK D., US  
[71] SCHERING CORPORATION, US  
[85] 2004-06-01  
[86] 2002-12-03 (PCT/US2002/038408)  
[87] 2003-06-12 (WO2003/047568)  
[30] US (60/337,262) 2001-12-04  
[30] US (60/399,853) 2002-07-31

[21] **2,468,968**  
[13] A1

[51] **Int.Cl. 7A21D 8/04 7C12N 1/18**  
[25] EN  
[54] **LIQUID YEAST COMPOSITIONS**  
[54] **COMPOSITIONS DE LEVURE LIQUIDES**  
[72] KOSTER, FRANS, NL  
[72] DE VREEDE, UNNO ADRIANUS, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2004-06-01  
[86] 2002-11-28 (PCT/EP2002/013480)  
[87] 2003-06-12 (WO2003/048342)  
[30] EP (01204783.3) 2001-12-05

[21] **2,468,969**  
[13] A1

[51] **Int.Cl. 7A61F 2/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANUFACTURING AN ENDOVASCULAR GRAFT SECTION**  
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UNE SECTION DE GREFFON ENDOCORONAIRE**  
[72] STEPHENS, W. PATRICK, US  
[72] CHOBOTOV, MICHAEL V., US  
[71] TRIVASCULAR, INC., US  
[85] 2004-06-01  
[86] 2002-12-20 (PCT/US2002/040997)  
[87] 2003-07-03 (WO2003/053495)  
[30] US (10/029,557) 2001-12-20  
[30] US (10/029,584) 2001-12-20  
[30] US (10/029,570) 2001-12-20

[21] **2,468,972**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **METHODS OF TREATING PSYCHOSIS AND SCHIZOPHRENIA BASED ON A POLYMORPHISM IN THE CTF GENE**  
[54] **PROCEDES DE TRAITEMENT DE PSYCHOSE ET DE SCHIZOPHRENIE SUR LA BASE DE POLYMORPHISMES DANS LE GENE CNTF**  
[72] POLYMEROPOULOS, MIHAEL HRISTOS, US  
[72] KUDARAVALLI, SRIDHAR, US  
[71] NOVARTIS AG, CH  
[85] 2004-06-01  
[86] 2002-12-09 (PCT/EP2002/013937)  
[87] 2003-07-03 (WO2003/054226)  
[30] US (60/339,835) 2001-12-10

[21] **2,468,973**  
[13] A1

[51] **Int.Cl. 7F16H 55/30 7F16H 7/06**  
[25] EN  
[54] **ROLLER CHAIN SPROCKET WITH ADDED CHORDAL PITCH REDUCTION**  
[54] **PIGNON DE CHAINE PRESENTANT UNE DIMINUTION DU PAS A LA CORDE**  
[72] YOUNG, JAMES D., US  
[71] CLOYES GEAR AND PRODUCTS, INC., US  
[85] 2004-06-01  
[86] 2002-12-03 (PCT/US2002/038412)  
[87] 2003-06-12 (WO2003/048604)  
[30] US (10/004,544) 2001-12-04

[21] **2,468,974**  
[13] A1

[51] **Int.Cl. 7G01L 5/28**  
[25] FR  
[54] **SYSTEME DE DETERMINATION AUTOMATIQUE DE CARACTERISTIQUES DE FREINAGE D'URGENCE D'UN VEHICULE DE TRANSPORT EN COMMUN, NOTAMMENT FERROVIAIRE**  
[54] **SYSTEM FOR AUTOMATICALLY DETERMINING A PUBLIC TRANSPORT VEHICLE EMERGENCY BRAKING CHARACTERISTICS, IN PARTICULAR OF A RAILWAY VEHICLE**  
[72] LEBLANC, JULIEN, FR  
[72] PERRIN, BRUNO, FR  
[72] POUPINET, VINCENT, FR  
[71] REGIE AUTONOME DES TRANSPORTS PARISIENS, FR  
[85] 2004-06-01  
[86] 2002-12-03 (PCT/FR2002/004158)  
[87] 2003-06-12 (WO2003/048710)  
[30] FR (01/15875) 2001-12-07

[21] **2,468,975**  
[13] A1

[51] **Int.Cl. 7A61B 17/22**  
[25] EN  
[54] **BLOOD FLOW REESTABLISHMENT DETERMINATION**  
[54] **DETERMINATION DU RETABLISSEMENT DU FLUX SANGUIN**  
[72] KARP, FLOYD B., US  
[72] HANSMANN, DOUGLAS R., US  
[72] PESKIN, NATALYA, US  
[72] VOLZ, KIM R., US  
[72] WILCOX, ROBERT L., US  
[71] EKOS CORPORATION, US  
[85] 2004-06-01  
[86] 2002-12-16 (PCT/US2002/040466)  
[87] 2003-06-26 (WO2003/051208)  
[30] US (60/341,430) 2001-12-14  
[30] US (60/347,350) 2002-01-10  
[30] US (60/369,453) 2002-04-02

## Demandes PCT entrant en phase nationale

[21] **2,468,976**  
[13] A1

[51] **Int.Cl. 7G07D 9/00 7G07F 17/32**  
[25] FR  
[54] **DISPOSITIF DE RANGEMENT ELECTRONIQUE POUR JETONS DE JEU.**  
[54] **ELECTRONIC DEVICE FOR STORING GAMING CHIPS**  
[72] GELINOTTE, EMMANUEL, FR  
[71] ETABLISSEMENTS BOURGOGNE ET GRASSET, FR  
[85] 2004-06-01  
[86] 2002-11-29 (PCT/FR2002/004112)  
[87] 2003-06-12 (WO2003/049048)  
[30] FR (01/15576) 2001-12-03

[21] **2,468,977**  
[13] A1

[51] **Int.Cl. 7G10D 1/00 7G10D 3/02 7G10D 1/08**  
[25] EN  
[54] **BRACING SYSTEM FOR STRINGED INSTRUMENT**  
[54] **SYSTEME DE BARRAGE POUR INSTRUMENT A CORDES**  
[72] MCPHERSON, MATHEW A., US  
[71] MCPHERSON, MATHEW A., US  
[85] 2004-06-01  
[86] 2002-12-12 (PCT/US2002/039757)  
[87] 2003-07-03 (WO2003/054850)  
[30] US (06/339,858) 2001-12-12

[21] **2,468,978**  
[13] A1

[51] **Int.Cl. 7C07D 213/82 7C07D 401/12 7C07D 405/12 7C07D 409/12 7C07D 209/14 7C07C 275/26 7A61K 31/365 7A61K 31/381 7A61K 31/44**  
[25] EN  
[54] **THERAPEUTIC HETEROCYCLES**  
[54] **HETEROCYCLES THERAPEUTIQUES**  
[72] WALPOLE, CHRISTOPHER, CA  
[72] CHENG, YUN-XING, CA  
[72] TOMASZEWSKI, MIROSLAW, CA  
[72] LUO, XUEHONG, CA  
[71] ASTRAZENECA AB, SE  
[85] 2004-06-01  
[86] 2002-12-17 (PCT/SE2002/002354)  
[87] 2003-06-26 (WO2003/051276)  
[30] SE (0104326-4) 2001-12-19

[21] **2,468,983**  
[13] A1

[51] **Int.Cl. 7A61B 5/00 7B65D 81/00**  
[25] EN  
[54] **CONSOLIDATED BODY FLUID TESTING DEVICE AND METHOD**  
[54] **PROCEDE ET DISPOSITIF DE TEST CONSOLIDE D'UN FLUIDE BIOLOGIQUE**  
[72] HAFELLNER, REINHARD, AT  
[72] KLOEPFER, HANS G., US  
[72] ROACH, CHARLES W., US  
[72] THOMECZEK, CHARLES, US  
[71] MICRONIX, INC., US  
[85] 2004-06-01  
[86] 2002-12-06 (PCT/US2002/038914)  
[87] 2003-06-19 (WO2003/049609)  
[30] US (60/340,442) 2001-12-07

[21] **2,468,985**  
[13] A1

[51] **Int.Cl. 7F16L 55/04**  
[25] EN  
[54] **ENERGY ATTENUATION APPARATUS FOR A CONDUIT CONVEYING LIQUID UNDER PRESSURE, SYSTEM INCORPORATING SAME, AND METHOD OF ATTENUATING ENERGY IN A CONDUIT**  
[54] **APPAREIL D'ATTENUATION D'ENERGIE DESTINE A UN CONDUIT ASSURANT LE TRANSPORT D'UN LIQUIDE SOUS PRESSION, SYSTEME COMPRENANT CET APPAREIL, ET PROCEDE D'ATTENUATION D'ENERGIE DANS UNCONDUIT**  
[72] COOPER, JACK R., US  
[72] CHEN, YUNGRWEI, US  
[71] DAYCO PRODUCTS, LLC, US  
[85] 2004-06-03  
[86] 2002-01-09 (PCT/US2002/000859)  
[87] 2003-06-12 (WO2003/048628)  
[30] US (10/004,768) 2001-12-04

[21] **2,468,986**  
[13] A1

[51] **Int.Cl. 7A61K 9/12 7A61P 33/00 7A61P 31/04**  
[25] EN  
[54] **RADIOOPAQUE SUSTAINED RELEASE PHARMACEUTICAL SYSTEM**  
[54] **SYSTEME PHARMACEUTIQUE RADIO-OPAQUE A LIBERATION PROLONGEE**  
[72] MARTINOD, SERGE R., US  
[72] BRANDON, MALCOLM, AU  
[71] SMART DRUG SYSTEMS INC, US  
[85] 2004-06-01  
[86] 2002-12-09 (PCT/AU2002/001661)  
[87] 2003-06-26 (WO2003/051335)  
[30] AU (PR 9515) 2001-12-14

[21] **2,468,989**  
[13] A1

[51] **Int.Cl. 7A61K 31/575 7A61P 27/04 7A61K 31/197 7A61K 31/203 7G01N 33/92**  
[25] EN  
[54] **TREATMENT FOR AGE-RELATED MACULAR DEGENERATION**  
[54] **TRAITEMENT DE LA DEGENERESCENCE MACULAIRE LIEE AU VIEILLISSEMENT**  
[72] BAILEY, KATHY, US  
[72] DUNCAN, KEITH, US  
[72] KANE, JOHN, US  
[72] ISHIDA, BRIAN, US  
[72] SCHWARTZ, DANIEL M., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORINA, US  
[85] 2004-06-01  
[86] 2002-12-06 (PCT/US2002/038856)  
[87] 2003-06-19 (WO2003/049685)  
[30] US (60/340,498) 2001-12-07  
[30] US (60/415,864) 2002-10-03

[21] **2,468,990**  
[13] A1

[51] **Int.Cl. 7A63B 37/00**  
[25] EN  
[54] **GOLF BALL HAVING CONTROLLED MOMENT OF INERTIA**  
[54] **BALLE DE GOLF A MOMENT D'INERTIE CONTROLE**  
[72] NESBITT, R. DENNIS, US  
[72] BINETTE, MARK L., US  
[72] VEILLEUX, THOMAS A., US  
[71] CALLAWAY GOLF COMPANY, US  
[85] 2004-06-01  
[86] 2002-12-10 (PCT/US2002/039515)  
[87] 2003-06-26 (WO2003/051465)  
[30] US (10/015,527) 2001-12-13

## PCT Applications Entering the National Phase

[21] **2,468,992**  
[13] A1

[51] **Int.Cl. 7A47K 10/40**  
[25] EN  
[54] **EASY LOADING DISPENSER**  
[54] **DISTRIBUTEUR A CHARGEMENT FACILITE**  
[72] PHELPS, STEPHEN L., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-01  
[86] 2002-04-19 (PCT/US2002/012632)  
[87] 2003-06-19 (WO2003/049586)  
[30] US (10/013,134) 2001-12-07

[21] **2,468,993**  
[13] A1

[51] **Int.Cl. 7A63B 37/12**  
[25] EN  
[54] **GOLF BALL HAVING A CONTROLLED WEIGHT DISTRIBUTION ABOUT A DESIGNATED SPIN AXIS AND A METHOD OF MAKING SAME**  
[54] **BALLE DE GOLF A REPARTITION DE POIDS CONTROLEE AUTOUR D'UN AXE DE ROTATION DEFINI ET SON PROCEDE DE FABRICATION**  
[72] NESBITT, R. DENNIS, US  
[71] CALLAWAY GOLF COMPANY, US  
[85] 2004-06-01  
[86] 2002-12-10 (PCT/US2002/039518)  
[87] 2003-06-26 (WO2003/051466)  
[30] US (10/015,526) 2001-12-13

[21] **2,468,994**  
[13] A1

[51] **Int.Cl. 7A61K 31/427 7A61P 35/00 7A61K 38/16 7A61K 38/21 7A61K 31/513 7A61K 31/675 7A61K 31/7008 7A61K 31/704**  
[25] EN  
[54] **COMPOSITIONS COMPRISING EPOTHILONES AND THEIR USE FOR THE TREATMENT OF CARCINOID SYNDROME**  
[54] **COMPOSITIONS COMPRENANT DES EPOTHILONES ET UTILISATION DE CES DERNIERES DANS LE TRAITEMENT DU SYNDROME CARCINOIDE**  
[72] RUBIN, ERIC HOWARD, US  
[72] ROTHERMEL, JOHN DAVID, US  
[71] NOVARTIS AG, CH  
[85] 2004-06-01  
[86] 2002-12-12 (PCT/EP2002/014162)  
[87] 2003-06-19 (WO2003/049734)  
[30] US (60/342,167) 2001-12-13  
[30] US (60/415,990) 2002-10-04

[21] **2,468,995**  
[13] A1

[51] **Int.Cl. 7B01D 27/00 7B01D 35/30**  
[25] EN  
[54] **APPARATUS AND METHOD FOR RELEASING A FILTER FROM A FILTER CAP OF A FILTER ASSEMBLY**  
[54] **APPAREIL ET PROCEDE DE LIBERATION D'UN FILTRE A PARTIR D'UN CAPUCHON DE FILTRE D'UN ASSEMBLAGE DE FILTRE**  
[72] WALL, JOHN W., US  
[71] ARVIN TECHNOLOGIES, INC., US  
[85] 2004-06-01  
[86] 2002-10-03 (PCT/US2002/031633)  
[87] 2003-10-02 (WO2003/080214)  
[30] US (10/102,132) 2002-03-20

[21] **2,468,996**  
[13] A1

[51] **Int.Cl. 7A61K 31/496 7A61P 35/00 7A61K 45/06**  
[25] EN  
[54] **USE OF FPT INHIBITORS AND AT LEAST TWO ANTINEOPLASTIC AGENTS IN THE TREATMENT OF CANCER**  
[54] **PROCEDE SERVANT A TRAITER LE CANCER AU MOYEN D'INHIBITEURS DE FPT ET D'AGENTS ANTINEOPLASIQUES**  
[72] ZAKNOEN, SARA L., US  
[72] CUTLER, DAVID L., US  
[72] BAUM, CHARLES, US  
[71] SCHERING CORPORATION, US  
[85] 2004-06-01  
[86] 2002-12-03 (PCT/US2002/038716)  
[87] 2003-06-12 (WO2003/047586)  
[30] US (60/336,961) 2001-12-03

[21] **2,468,999**  
[13] A1

[51] **Int.Cl. 7B67B 7/00**  
[25] EN  
[54] **DISPENSING SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION**  
[72] DEAN, JOHN J., US  
[72] CONTADINI, CARL D., US  
[71] WATERBURY COMPANIES INC., US  
[85] 2004-06-01  
[86] 2003-03-28 (PCT/US2003/009589)  
[87] 2003-10-23 (WO2003/086947)  
[30] US (10/118,747) 2002-04-09

[21] **2,469,000**  
[13] A1

[51] **Int.Cl. 7A61K 45/00**  
[25] EN  
[54] **METHOD FOR REDUCING ACNE OR IMPROVING SKIN TONE**  
[54] **PROCEDE POUR REDUIRE L'ACNE OU AMELIORER LE TEINT**  
[72] HALAS, LYNN, US  
[72] MCCULLOCH, LAURA, US  
[72] WIEGAND, BENJAMIN, US  
[72] GROSSMAN, RACHEL, US  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[85] 2004-06-01  
[86] 2002-12-04 (PCT/US2002/038747)  
[87] 2003-06-19 (WO2003/049769)  
[30] US (10/017,180) 2001-12-07  
[30] US (10/012,627) 2001-12-07

[21] **2,469,002**  
[13] A1

[51] **Int.Cl. 7H01L 31/042 7H01L 33/00**  
[25] EN  
[54] **LIGHT RECEIVING OR EMITTING SEMICONDUCTOR APPARATUS**  
[54] **APPAREIL SEMI-CONDUCTEUR D'EMISSION ET DE RECEPTION DE LUMIERE**  
[72] NAKATA, JOSUKE, JP  
[71] NAKATA, JOSUKE, JP  
[85] 2004-06-01  
[86] 2001-12-25 (PCT/JP2001/011416)  
[87] 2003-07-10 (WO2003/056633)

[21] **2,469,005**  
[13] A1

[51] **Int.Cl. 7A61B 17/70 7F16F 3/10**  
[25] EN  
[54] **DAMPING ELEMENT**  
[54] **ELEMENT AMORTISSEUR**  
[72] STUDER, ARMIN, CH  
[71] MATHYS MEDIZINALTECHNIK AG, CH  
[85] 2004-06-03  
[86] 2001-12-07 (PCT/CH2001/000705)  
[87] 2003-06-12 (WO2003/047441)

## Demandes PCT entrant en phase nationale

[21] **2,469,007**  
[13] A1  
[51] **Int.Cl. 7B65D 75/52 7A61F 15/00**  
**7A61F 13/15 7B65D 85/16 7B65D 75/38**  
[25] EN  
[54] **PACKAGE CONTAINING A WINDOW AND A PERFORMANCE CHARACTERISTIC INDICATOR**  
[54] **EMBALLAGE PRESENTANT UNE FENETRE ET UN INDICATEUR DES CARACTERISTIQUES DE RENDEMENT**  
[72] MILBY, JOHN T., US  
[72] MOLINA, LILKAR Z., US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-06-01  
[86] 2002-11-27 (PCT/US2002/038016)  
[87] 2003-06-19 (WO2003/050011)  
[30] US (10/011,192) 2001-12-07

[21] **2,469,008**  
[13] A1  
[51] **Int.Cl. 7A61B 17/70**  
[25] EN  
[54] **DAMPING ELEMENT AND DEVICE FOR STABILISATION OF ADJACENT VERTEBRAL BODIES**  
[54] **ELEMENT D'AMORTISSEMENT ET DISPOSITIF DE STABILISATION DE VERTEBRES ADJACENTES**  
[72] FRIGG, ROBERT, CH  
[72] STUDER, ARMIN, CH  
[71] MATHYS MEDIZINALTECHNIK AG, CH  
[85] 2004-06-04  
[86] 2002-03-28 (PCT/CH2002/000180)  
[87] 2003-06-12 (WO2003/047442)  
[30] CH (PCT/CH01/00705) 2001-12-07

[21] **2,469,009**  
[13] A1  
[51] **Int.Cl. 7F16F 15/02 7E04H 9/02**  
**7F16F 15/06**  
[25] EN  
[54] **DAMPING DEVICE AND METHOD FOR SETTING CHARACTERISTIC FREQUENCY OF DAMPING BODY IN SAID DAMPING DEVICE**  
[54] **DISPOSITIF D'AMORTISSEMENT ET PROCEDE DE REGLAGE DE LA FREQUENCE PROPRE D'UN CORPS D'AMORTISSEMENT DANS CE DISPOSITIF D'AMORTISSEMENT**  
[72] MUTAGUCHI, MASAO, JP  
[72] SHIGA, YUJI, JP  
[72] SATO, FUMIO, JP  
[72] KAZAMA, MUTSUHIRO, JP  
[72] UNO, NAYOMON, JP  
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES, CO., LTD., JP  
[85] 2004-06-01  
[86] 2003-02-26 (PCT/JP2003/002121)  
[87] 2003-09-04 (WO2003/072977)  
[30] JP (2002-51209) 2002-02-27  
[30] JP (2002-147966) 2002-05-22  
[30] JP (2002-253573) 2002-08-30

[21] **2,469,010**  
[13] A1  
[51] **Int.Cl. 7A47K 10/38**  
[25] EN  
[54] **DISPENSER, CUTTING MECHANISM AND METHOD OF CUTTING A MATERIAL FROM A ROLLED PRODUCT**  
[54] **DISTRIBUTEUR, MECANISME DE DECOUPE ET PROCEDE POUR DECOUPER UN MATERIAU D'UN PRODUIT ENROULE**  
[72] TRAMONTINA, PAUL F., US  
[72] LEWIS, RICHARD P., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-01  
[86] 2002-06-05 (PCT/US2002/018261)  
[87] 2003-06-19 (WO2003/049585)  
[30] US (10/013,129) 2001-12-07  
[30] US (10/035,645) 2001-12-28

[21] **2,469,011**  
[13] A1  
[51] **Int.Cl. 7A61J 7/04 7A61G 12/00**  
**7A61J 7/00**  
[25] EN  
[54] **STORAGE DEVICE FOR THE CONSUMPTION-DEPENDENT RECEPTION OF MEDICATION**  
[54] **DISPOSITIF DE STOCKAGE PERMETTANT DE PRENDRE DES MEDICAMENTS EN FONCTION DE LA POSOLOGIE**  
[72] BUCHNER, KARL-HEINZ, DE  
[72] FRITZSCH, BERTRAM, DE  
[72] BERGHAUSER, KARIN, DE  
[72] SCHUSTER, ANDREAS, DE  
[72] SCHUSTER, TOBIAS, DE  
[71] BUCHNER, KARL-HEINZ, DE  
[71] FRITZSCH, BERTRAM, DE  
[85] 2004-06-03  
[86] 2002-11-30 (PCT/DE2002/004415)  
[87] 2003-06-12 (WO2003/047496)  
[30] DE (101 59 810.6) 2001-12-03

[21] **2,469,014**  
[13] A1  
[51] **Int.Cl. 7C08K 5/103 7B32B 27/08**  
**7B32B 17/10 7C08J 5/18**  
[25] EN  
[54] **FILM FOR COMPOSITE SECURITY DISKS WITH SELF-ADHESIVENESS**  
[54] **FEUILLE POUR VITRES DE SECURITE COMPOSITES A AUTO-ADHESIVITE REDUITE**  
[72] HOSS, MANFRED, DE  
[72] KOLL, BERNHARD, DE  
[72] STENZEL, HOLGER, DE  
[71] HT TROPLAST AG, DE  
[85] 2004-06-01  
[86] 2002-12-17 (PCT/DE2002/004614)  
[87] 2003-06-26 (WO2003/051974)  
[30] DE (101 62 338.0) 2001-12-18

[21] **2,469,016**  
[13] A1  
[51] **Int.Cl. 7D21H 19/42 7D21H 21/54**  
**7D21H 19/62**  
[25] FR  
[54] **PAPIER COUCHE POSSEDANT UN TOUCHER SOYEUX**  
[54] **COATED PAPER WITH SILKY FEEL**  
[72] DEPRES, GAEL, FR  
[71] ARJO WIGGINS DESSIN ET PAPIERS FINS, FR  
[85] 2004-06-01  
[86] 2002-12-17 (PCT/FR2002/004378)  
[87] 2003-06-26 (WO2003/052203)  
[30] FR (01/16417) 2001-12-18

## PCT Applications Entering the National Phase

[21] **2,469,017**  
[13] A1

[51] **Int.Cl. 7A01N 41/10 7A01N 25/32  
7A01N 47/36 7A01N 37/40 7A01N 43/70**  
[25] EN  
[54] **SYNERGISTIC HERBICIDAL  
AGENTS**  
[54] **AGENTS HERBICIDES  
SYNERGIQUES**  
[72] HACKER, ERWIN, DE  
[72] BIERINGER, HERMANN, DE  
[72] KRAHMER, HANSJORG, DE  
[71] BAYER CROPSCIENCE GMBH, DE  
[85] 2004-06-04  
[86] 2002-11-25 (PCT/EP2002/013235)  
[87] 2003-06-12 (WO2003/047340)  
[30] DE (101 60 139.5) 2001-12-07

[21] **2,469,020**  
[13] A1

[51] **Int.Cl. 7A23L 3/00 7B65B 25/00  
7A61L 2/00 7A61L 2/07 7A23L 3/10  
7A23L 3/12 7A61L 2/24**  
[25] EN  
[54] **METHOD FOR STERILISING  
PRODUCTS**  
[54] **PROCEDE POUR STERILISER DES  
PRODUITS**  
[72] BLAHA, JIRKA, DE  
[71] STEAMLAB SYSTEMS AG  
NATURAL PASTEURIZATION, CH  
[85] 2004-06-03  
[86] 2002-11-01 (PCT/CH2002/000591)  
[87] 2003-05-08 (WO2003/037109)  
[30] CH (2007/01) 2001-11-02

[21] **2,469,023**  
[13] A1

[51] **Int.Cl. 7E21B 17/07 7E21B 4/00  
7E21B 10/38**  
[25] EN  
[54] **THRUST CONTROL APPARATUS**  
[54] **APPAREIL DE COMMANDE DE  
POUSSEE**  
[72] ODELL, ALBERT C., II, US  
[72] EPPINK, JAY M., US  
[71] HALLIBURTON ENERGY  
SERVICES, INC., US  
[85] 2004-06-01  
[86] 2002-10-28 (PCT/US2002/034728)  
[87] 2003-06-19 (WO2003/050375)  
[30] US (10/006,877) 2001-12-05

[21] **2,469,018**  
[13] A1

[51] **Int.Cl. 7C03C 17/34 7C03C 4/02  
7C03C 17/36**  
[25] EN  
[54] **SELF-CLEANING GLAZING  
SHEET**  
[54] **FEUILLE DE VITRAGE  
AUTONETTOYANTE**  
[72] KNOWLES, JAMES AHERTON, GB  
[72] SANDERSON, KEVIN DAVID, GB  
[71] PILKINGTON PLC, GB  
[85] 2004-06-01  
[86] 2002-12-04 (PCT/GB2002/005478)  
[87] 2003-06-19 (WO2003/050056)  
[30] GB (0129434.1) 2001-12-08

[21] **2,469,021**  
[13] A1

[51] **Int.Cl. 7C07C 51/15 7C07C 229/00**  
[25] EN  
[54] **PROCESS FOR THE SYNTHESIS  
OF CHIRALLY PURE .BETA.-AMINO-  
ALCOHOLS**  
[54] **PROCEDE DE SYNTHESE DE  
.BETA.-AMINO-ALCOOLS A PURETE  
CHIRALE**  
[72] KREFT, ANTHONY FRANK, US  
[72] ANTANE, MADELENE MIYOKO, US  
[72] COLE, DEREK CECIL, US  
[72] WANG, ZHENG, US  
[72] STOCK, JOSEPH RAYMOND, US  
[72] RESNICK, LYNN, US  
[72] KUBRAK, DENNIS MARTIN, US  
[71] WYETH COMPANY, US  
[85] 2004-06-01  
[86] 2002-11-26 (PCT/US2002/038119)  
[87] 2003-06-19 (WO2003/050063)  
[30] US (60/339,264) 2001-12-11

[21] **2,469,024**  
[13] A1

[51] **Int.Cl. 7C08F 8/02 7C08F 26/04  
7D21H 17/38 7D21H 17/45**  
[25] EN  
[54] **POLYALKYLDIALLYLAMINE-  
EPIHALOHYDRIN RESINS AS WET  
STRENGTH ADDITIVES FOR  
PAPERMAKING AND PROCESS FOR  
MAKING THE SAME**  
[54] **RESINES  
POLYALKYLDIALLYLAMINE-  
EPIHALOHYDRINE UTILISEES  
COMME ADDITIFS DE RESISTANCE  
HUMIDE DANS LA FABRICATION DU  
PAPIER ET PROCESSUS DE  
FABRICATION DE CES RESINES**  
[72] GAN, YAODONG, US  
[72] DENG, FANG, US  
[71] HERCULES INCORPORATED, US  
[85] 2004-06-01  
[86] 2003-01-06 (PCT/US2003/000258)  
[87] 2003-07-17 (WO2003/057744)  
[30] US (60/346,475) 2002-01-07

[21] **2,469,019**  
[13] A1

[51] **Int.Cl. 7A61K 9/22 7A61K 31/00  
7A61K 9/46**  
[25] EN  
[54] **PHARMACEUTICAL  
COMPOSITION COMPRISING A 5HT1  
RECEPTOR AGONIST**  
[54] **COMPOSITION  
PHARMACEUTIQUE**  
[72] SUMMERS, SIMON JOHN, GB  
[72] WESTRUP, JULIAN, GB  
[72] DOW, ALAN DAVID, GB  
[72] BAKER, ROBERT WILLIAM, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2004-06-03  
[86] 2002-12-04 (PCT/EP2002/013715)  
[87] 2003-06-12 (WO2003/047552)  
[30] GB (0129117.8) 2001-12-05

[21] **2,469,022**  
[13] A1

[51] **Int.Cl. 7C22C 38/00 7C22C 38/06  
7C22C 38/38 7C21D 9/48**  
[25] EN  
[54] **HIGH-STRENGTH COLD ROLLED  
STEEL SHEET AND PROCESS FOR  
PRODUCING THE SAME**  
[54] **FEUILLARD LAMINE A FROID A  
RESISTANCE ELEVEE ET SON  
PROCEDE DE PRODUCTION**  
[72] NAGATAKI, YASUNOBU, JP  
[72] NAKAJIMA, KATSUMI, JP  
[72] FUTATSUKA, TAKAYUKI, JP  
[71] JFE STEEL CORPORATION, JP  
[85] 2004-06-01  
[86] 2003-06-23 (PCT/JP2003/007939)  
[87] 2003-12-31 (WO2004/001084)  
[30] JP (2002-185093) 2002-06-25

## Demandes PCT entrant en phase nationale

[21] **2,469,025**  
[13] A1

[51] **Int.Cl. 7G01N 21/76 7G01N 33/53**  
[25] EN  
[54] **SAMPLE COLLECTION AND TESTING SYSTEM**  
[54] **SYSTEME DE RECUPERATION ET D'ANALYSE D'ECHANTILLONS**  
[72] KRESSNER, ANITA, US  
[72] DI CARLO, JOSEPH B., US  
[72] ANDERSEN, MARK, US  
[72] KELLY, TIM A., US  
[72] FELDSINE, PHILIP T., US  
[72] CHRISTENSEN, JIM, US  
[71] BIOCONTROL SYSTEMS, INC., US  
[85] 2004-06-01  
[86] 2002-12-05 (PCT/US2002/039236)  
[87] 2003-06-19 (WO2003/050513)  
[30] US (60/338,844) 2001-12-06

[21] **2,469,031**  
[13] A1

[51] **Int.Cl. 7G06T 11/00**  
[25] EN  
[54] **METHOD FOR COMPENSATING FOR MOTION ARTIFACTS IN MAGNETIC RESONANCE IMAGING BY PHASE LINE PREDICTION**  
[54] **PROCEDE DE COMPENSATION DES EFFETS DE MOUVEMENT D'OBJET DANS UNE IMAGE**  
[72] STOYLE, PETER NORMAN ROBERTSON, GB  
[71] QINETIQ LIMITED, GB  
[85] 2004-06-01  
[86] 2002-12-05 (PCT/GB2002/005528)  
[87] 2003-06-19 (WO2003/050761)  
[30] GB (0129465.1) 2001-12-08

[21] **2,469,037**  
[13] A1

[51] **Int.Cl. 7A61M 5/24**  
[25] EN  
[54] **MEDICAMENT CARTRIDGE HAVING IDENTIFICATION MEANS**  
[54] **CARTOUCHE POUR MEDICAMENTS POURVUE DE MOYENS D'IDENTIFICATION**  
[72] LANGLEY, CHRISTOPHER NIGEL, GB  
[72] ADAMS, LEE SIMON, GB  
[72] WOOLSTON, ROBERT, GB  
[71] DCA DESIGN INTERNATIONAL LIMITED, GB  
[85] 2004-06-04  
[86] 2002-12-05 (PCT/GB2002/005463)  
[87] 2003-06-12 (WO2003/047665)  
[30] GB (0129187.1) 2001-12-06

[21] **2,469,029**  
[13] A1

[51] **Int.Cl. 7E21B 44/00 7H04Q 9/00**  
[25] EN  
[54] **REMOTE CONTROL OF DRILLING RIGS**  
[54] **COMMANDE A DISTANCE D'UN APPAREIL DE FORAGE**  
[72] RAMSTROEM, MIKAEL, SE  
[72] KNUTSSON, JAN, SE  
[72] PETTERSSON, ROLAND, SE  
[72] SANDSTROEM, LARS, SE  
[71] ATLAS COPCO ROCK DRILLS AB, SE  
[85] 2004-06-01  
[86] 2003-01-13 (PCT/SE2003/000031)  
[87] 2003-07-17 (WO2003/058029)  
[30] SE (0200084-2) 2002-01-14  
[30] SE (0200087-5) 2002-01-14

[21] **2,469,032**  
[13] A1

[51] **Int.Cl. 7A47K 10/36**  
[25] EN  
[54] **ELECTRICAL ROLL PRODUCT DISPENSER**  
[54] **DISTRIBUTEUR DE ROULEAU ELECTRIQUE**  
[72] KAPILOFF, DAVID, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-04  
[86] 2002-09-05 (PCT/US2002/028271)  
[87] 2003-07-03 (WO2003/053202)  
[30] US (10/027,785) 2001-12-20

[21] **2,469,041**  
[13] A1

[51] **Int.Cl. 7B25J 7/00 7H02N 2/02 7H01L 41/09**  
[25] EN  
[54] **MICROMANIPULATOR INCLUDING PIEZOELECTRIC BENDERS**  
[54] **MICROMANIPULATEUR A FLEXEURS PIEZOELECTRIQUES**  
[72] NOVOTNY, MAREK, CZ  
[72] ZHOU, QUAN, CN  
[72] KOIVO, HEIKKI, FI  
[72] TURUNEN, JUHA, FI  
[72] KUNCOVA, JOHANA, CZ  
[72] KALLIO, PASI, FI  
[72] RONKANEN, PEKKA, FI  
[71] CHIP-MAN TECHNOLOGIES OY, FI  
[85] 2004-06-01  
[86] 2002-11-29 (PCT/FI2002/000964)  
[87] 2003-06-19 (WO2003/049908)  
[30] FI (20012410) 2001-12-07  
[30] FI (20021613) 2002-09-10

[21] **2,469,030**  
[13] A1

[51] **Int.Cl. 7A47K 10/36**  
[25] EN  
[54] **ELECTRO-MECHANICAL ROLL PRODUCT DISPENSER**  
[54] **DISTRIBUTEUR ELECTROMECHANIQUE DE PRODUIT EN FORME DE ROULEAU**  
[72] KAPILOFF, DAVID, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-04  
[86] 2002-09-05 (PCT/US2002/028270)  
[87] 2003-07-03 (WO2003/053201)  
[30] US (10/025,206) 2001-12-19

[21] **2,469,033**  
[13] A1

[51] **Int.Cl. 7A61L 15/28 7A61L 15/22 7A61L 15/44**  
[25] EN  
[54] **WOUND DRESSINGS**  
[54] **PANSEMENTS**  
[72] PATEL, CHAMPA, GB  
[72] BRAY, ROGER, GB  
[72] CASKEY, PHILLIP ROY, NZ  
[71] ACORDIS SPECIALITY FIBRES LIMITED, GB  
[71] APIMED MEDICAL HONEY LIMITED, NZ  
[85] 2004-06-03  
[86] 2002-12-02 (PCT/GB2002/005441)  
[87] 2003-06-12 (WO2003/047642)  
[30] GB (0128936.2) 2001-12-03

## PCT Applications Entering the National Phase

[21] **2,469,043**  
[13] A1

[51] **Int.Cl. 7G03B 21/62 7B32B 27/20**  
[25] EN  
[54] **REAR PROJECTION SCREEN AND METHOD FOR THE PRODUCTION THEREOF**  
[54] **ECRAN DE RETROPROJECTION ET PROCEDE POUR LE PRODUIRE**  
[72] SCHMIDT, JANN, DE  
[72] GROOTHUES, HERBERT, DE  
[72] LORENZ, HANS, DE  
[72] SCHARNKE, WOLFGANG, DE  
[72] HAERING, HELMUT, DE  
[72] DICKHAUT-BAYER, GUENTHER, DE  
[72] PARUSEL, MARKUS, DE  
[71] ROEHM GMBH & CO., KG, DE  
[85] 2004-06-01  
[86] 2003-09-27 (PCT/EP2003/010762)  
[87] 2004-05-21 (WO2004/042471)  
[30] DE (102 51 778.9) 2002-11-05

[21] **2,469,049**  
[13] A1

[51] **Int.Cl. 7C12N 15/48 7A61K 48/00 7A61P 35/00 7C07K 16/10 7C07K 14/15 7A61K 38/16 7A61K 39/21 7A61K 39/395 7G01N 33/574 7C12Q 1/68 7C12Q 1/70 7A61K 31/7088**  
[25] EN  
[54] **ENDOGENOUS RETROVIRUS POLYPEPTIDES LINKED TO ONCOGENIC TRANSFORMATION**  
[54] **POLYPEPTIDES DE RETROVIRUS ENDOGENES LIES A LA TRANSFORMATION ONCOGENIQUE**  
[72] HARDY, STEPHEN F., US  
[72] WILLIAMS, LEWIS T., US  
[72] GARCIA, PABLO, US  
[72] ESCOBEDO, JAIME, US  
[71] CHIRON CORPORATION, US  
[85] 2004-06-07  
[86] 2002-12-09 (PCT/US2002/039344)  
[87] 2003-06-19 (WO2003/050258)  
[30] US (PCT/US01/47824) 2001-12-07  
[30] US (10/016,604) 2001-12-07  
[30] US (60/340,064) 2001-12-07  
[30] US (60/388,046) 2002-06-12

[21] **2,469,050**  
[13] A1

[51] **Int.Cl. 7G06T 15/00**  
[25] EN  
[54] **A METHOD OF RENDERING A GRAPHICS IMAGE**  
[54] **PROCEDE DE RENDU D'UNE IMAGE GRAPHIQUE**  
[72] NG, HERN, SG  
[72] SERRA, LUIS, SG  
[72] CHUA, GIM GUAN, SG  
[71] VOLUME INTERACTIONS PTE. LTD., SG  
[85] 2004-06-01  
[86] 2000-12-22 (PCT/SG2000/000200)  
[87] 2002-07-04 (WO2002/052506)

[21] **2,469,063**  
[13] A1

[51] **Int.Cl. 7C03C 13/00**  
[25] EN  
[54] **FIBRES AND THEIR PRODUCTION**  
[54] **FIBRES ET LEUR PRODUCTION**  
[72] JENSEN, SOREN LUND, DK  
[71] ROCKWOOL INTERNATIONAL A/S, DK  
[85] 2004-06-02  
[86] 2002-12-10 (PCT/EP2002/013988)  
[87] 2003-06-19 (WO2003/050054)  
[30] EP (01310388.2) 2001-12-12

[21] **2,469,064**  
[13] A1

[51] **Int.Cl. 7B65D 83/14**  
[25] EN  
[54] **GASKET FOR USE IN A METERING VALVE THAT LIMITS SEAL INTRUSION**  
[54] **JOINT D'ETANCHEITE STATIQUE POUR UTILISATION DANS UNE VALVE DOSEUSE LIMITANT LA PENETRATION DU SCELLEMENT**  
[72] WILBY, MATTHEW J., US  
[72] HODSON, PETER D., US  
[72] THIEL, CHARLES G., US  
[72] BRYANT, ANDREW M., US  
[72] ARSENAULT, CATHLEEN M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-02  
[86] 2002-11-26 (PCT/US2002/037974)  
[87] 2003-07-17 (WO2003/057594)  
[30] US (60/344,990) 2001-12-31

[21] **2,469,065**  
[13] A1

[51] **Int.Cl. 7D21H 23/56 7D21H 19/82**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING A MULTILAYER COATING**  
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UN REVETEMENT MULTICOUCHE**  
[72] RAUTIAINEN, PENTTI, FI  
[72] GROEN, JOHAN, FI  
[72] FORS, STEFAN, FI  
[72] ESKOLA, TIMO, FI  
[71] METSO PAPER, INC., FI  
[85] 2004-06-02  
[86] 2002-12-04 (PCT/FI2002/000981)  
[87] 2003-07-10 (WO2003/056102)  
[30] FI (20012427) 2001-12-10

[21] **2,469,067**  
[13] A1

[51] **Int.Cl. 7G01V 11/00**  
[25] EN  
[54] **METHOD FOR CORRELATING WELL LOGS**  
[54] **PROCEDE DE CORRELATION DE DIAGRAPHS DE FORAGE**  
[72] JEFFRYES, BENJAMIN PETER, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2004-06-02  
[86] 2002-12-05 (PCT/GB2002/005486)  
[87] 2003-06-19 (WO2003/050570)  
[30] GB (0129794.4) 2001-12-13

[21] **2,469,068**  
[13] A1

[51] **Int.Cl. 7E21B 43/10**  
[25] EN  
[54] **MODULAR LINER HANGER**  
[54] **DISPOSITIF MODULAIRE DE SUSPENSION POUR COLONNE DE TUBAGE PERDUE**  
[72] WILKIN, JAMES F., CA  
[72] MARCIN, JOSEPH ROBERT, CA  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2004-06-02  
[86] 2002-12-09 (PCT/GB2002/005589)  
[87] 2003-07-17 (WO2003/058027)  
[30] US (10/041,974) 2002-01-07

## Demandes PCT entrant en phase nationale

---

[21] **2,469,070**  
[13] A1  
[51] **Int.Cl. 7A61J 1/06 7A61M 5/24**  
[25] EN  
[54] **IMPROVEMENTS IN AND IN RELATION TO A MEDICAMENT CARTRIDGE**  
[54] **ENSEMBLE CARTOUCHE DE MEDICAMENT AMELIORE**  
[72] WOOLSTON, ROBERT, GB  
[71] DCA DESIGN INTERNATIONAL LIMITED, GB  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/GB2002/005473)  
[87] 2003-06-12 (WO2003/047657)  
[30] GB (0129176.4) 2001-12-06

---

[21] **2,469,071**  
[13] A1  
[51] **Int.Cl. 7A61M 5/24**  
[25] EN  
[54] **IMPROVEMENTS IN AND RELATING TO A MEDICAMENT CARTRIDGE**  
[54] **AMELIORATIONS APPORTEES A UNE CARPULE DE MEDICAMENTS**  
[72] WOOLSTON, ROBERT, GB  
[72] ADAMS, LEE, SIMON, GB  
[72] LANGLEY, CHRISTOPHER NIGEL, GB  
[71] DCA DESIGN INTERNATIONAL LIMITED, GB  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/GB2002/005480)  
[87] 2003-06-12 (WO2003/047667)  
[30] GB (0129171.5) 2001-12-06

---

[21] **2,469,072**  
[13] A1  
[51] **Int.Cl. 7A61M 5/145**  
[25] EN  
[54] **IMPROVEMENTS IN AND RELATING TO A MEDICAMENT CARTRIDGE**  
[54] **AMELIORATIONS APPORTEES ET ASSOCIEES A UNE CARPULE DE MEDICAMENTS**  
[72] LANGLEY, CHRISTOPHER NIGEL, GB  
[72] DAY, SHANE ALISTAIR, GB  
[72] GARDNER, PAUL WILLIAM, GB  
[72] MOLYNEUX, BRIAN CHARLES, GB  
[71] DCA DESIGN INTERNATIONAL LIMITED, GB  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/GB2002/005483)  
[87] 2003-06-12 (WO2003/047659)  
[30] GB (0129173.1) 2001-12-06

---

[21] **2,469,073**  
[13] A1  
[51] **Int.Cl. 7C21D 8/02 7C21D 9/573**  
[25] EN  
[54] **METHOD AND DEVICE FOR CONTROLLED STRAIGHTENING AND COOLING OF A WIDE METAL STRIP, ESPECIALLY STEEL STRIP OR SHEET, RUNNING OUT OF A HOT-ROLLED STRIP MILL**  
[54] **PROCEDE ET DISPOSITIF POUR DRESSER ET REFROIDIR DE MANIERE REGULEE UN FEUILLARD METALLIQUE LARGE, NOTAMMENT UN FEUILLARD D'ACIER OU UNE TOLE, SORTANT D'UN LAMINOIR A CHAUD POUR FEUILLARDS**  
[72] SCHMIDT, DIRK, DE  
[72] MATHIES, ANDREAS, DE  
[72] DEHMEL, ROMAN, DE  
[72] HORN, GERHARD, DE  
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE  
[85] 2004-06-02  
[86] 2002-11-21 (PCT/EP2002/013035)  
[87] 2003-07-03 (WO2003/054236)  
[30] DE (101 63 070.0) 2001-12-20

---

[21] **2,469,074**  
[13] A1  
[51] **Int.Cl. 7F03B 13/10 7F03B 11/00**  
[25] EN  
[54] **FLOW PIPE COMPRISING A WATER TURBINE HAVING A VARIABLE CROSS-SECTION**  
[54] **TUBE D'ECOULEMENT DOTE D'UNE TURBINE A EAU DE SECTION VARIABLE**  
[72] WOBLEN, ALOYS, DE  
[71] WOBLEN, ALOYS, DE  
[85] 2004-06-02  
[86] 2002-12-11 (PCT/EP2002/014030)  
[87] 2003-07-03 (WO2003/054386)  
[30] DE (101 60 916.7) 2001-12-12

---

[21] **2,469,075**  
[13] A1  
[51] **Int.Cl. 7C07D 207/10 7C07D 405/12 7C07D 207/36 7A61K 31/40**  
[25] EN  
[54] **PYRROLIDINE DERIVATIVES AS PROSTAGLANDIN MODULATORS**  
[54] **DERIVES DE PYRROLIDINE UTILISES EN TANT QUE MODULATEURS DE LA PROSTAGLANDINE**  
[72] ARALDI, GIAN LUCA, US  
[72] LIAO, YIHUA, US  
[72] ZHAO, ZHONG, US  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2004-06-02  
[86] 2002-12-19 (PCT/EP2002/014593)  
[87] 2003-07-03 (WO2003/053923)  
[30] US (60/342,620) 2001-12-20

---

[21] **2,469,077**  
[13] A1  
[51] **Int.Cl. 7B21B 38/10**  
[25] EN  
[54] **DEVICE FOR MEASURING THE ROLL GAP BETWEEN THE WORK ROLLS OF A COLD OR HOT ROLLING STAND**  
[54] **DISPOSITIF DE MESURE DE L'EMPRISE ENTRE LES CYLINDRES DE TRAVAIL D'UNE STRUCTURE DE LAMINAGE A FROID OU A CHAUD**  
[72] DAUB, DIETER, DE  
[72] TAEUBER, DIRK, DE  
[72] PAWELSKI, HARTMUT, DE  
[72] ZEPPENFELD, JOSEF, DE  
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE  
[85] 2004-06-02  
[86] 2002-11-20 (PCT/EP2002/012976)  
[87] 2003-07-03 (WO2003/053604)  
[30] DE (101 61 094.7) 2001-12-12  
[30] DE (102 02 526.6) 2002-01-24

## PCT Applications Entering the National Phase

[21] **2,469,079**  
[13] A1

[51] **Int.Cl. 7C01B 3/38 7B01J 19/00 7B01J 19/02 7B01J 8/04 7B01J 8/06**  
[25] EN  
[54] **METAL PASSIVATION IN A HEAT EXCHANGE REFORMER**  
[54] **PASSIVATION DE METAL DANS UN REFORMEUR A ECHANGE DE CHALEUR**  
[72] ABBOTT, PETER EDWARD JAMES, GB  
[72] CREWDSON, BERNARD JOHN, GB  
[72] FOWLES, MARTIN, GB  
[71] JOHNSON MATTHEY PLC, GB  
[85] 2004-06-01  
[86] 2002-12-16 (PCT/GB2002/005699)  
[87] 2003-06-26 (WO2003/051771)  
[30] GB (0130145.6) 2001-12-17

[21] **2,469,085**  
[13] A1

[51] **Int.Cl. 7A61K 31/70 7C07H 19/16**  
[25] EN  
[54] **PHARMACEUTICAL COMBINATIONS OF ADENOSINE A-2A AND BETA-2-ADRENERGIC RECEPTOR AGONISTS**  
[54] **COMBINAISONS PHARMACEUTIQUES D'AGONISTES DU RECEPTEUR A-2A DE L'ADENOSINE ET DU RECEPTEUR BETA 2 ADRENERGIC**  
[72] YEADON, MICHAEL, GB  
[71] PFIZER INC., US  
[85] 2004-06-03  
[86] 2002-11-28 (PCT/IB2002/005057)  
[87] 2003-06-12 (WO2003/047598)  
[30] GB (0129270.5) 2001-12-06

[21] **2,469,096**  
[13] A1

[51] **Int.Cl. 7A61H 9/00**  
[25] EN  
[54] **OPHTHALMIC DEVICE FOR ADMINISTERING FLUID EYE MEDICATION TO THE HUMAN EYE**  
[54] **DISPOSITIF OPHTALMIQUE POUR L'ADMINISTRATION DE MEDICAMENT LIQUIDE A L'OEIL HUMAIN**  
[72] KERSSIES, GEERT, NL  
[71] KERSSIES, GEERT, NL  
[85] 2004-06-03  
[86] 2002-12-04 (PCT/NL2002/000789)  
[87] 2003-06-12 (WO2003/047492)  
[30] NL (1019483) 2001-12-04  
[30] NL (1020146) 2002-03-11

[21] **2,469,080**  
[13] A1

[51] **Int.Cl. 7A61N 1/05**  
[25] EN  
[54] **SHAPED LEAD WITH ELECTRODES**  
[54] **CONDUCTEUR CONFORME DOTE D'ELECTRODES**  
[72] WARMAN, EDUARDO N., US  
[72] BONNER, MATHEW D., US  
[72] WHITMAN, TERESA, US  
[72] BROWN, MARK L., US  
[71] MEDTRONIC, INC., US  
[85] 2004-06-02  
[86] 2002-12-02 (PCT/US2002/038319)  
[87] 2003-06-12 (WO2003/047687)  
[30] US (60/337,224) 2001-12-03  
[30] US (10/284,710) 2002-10-31

[21] **2,469,090**  
[13] A1

[51] **Int.Cl. 7C04B 33/13 7C04B 33/08**  
[25] EN  
[54] **BORON-CONTAINING COMPOSITIONS FOR USE IN CLAY BODY, E.G. BRICK, MANUFACTURE**  
[54] **COMPOSITIONS CONTENANT DU BORE UTILISABLES DANS LA FABRICATION DE CORPS EN ARGILE, PAR EXEMPLE DE BRIQUES**  
[72] EVANS, MICHAEL, GB  
[72] STUBBS, ADRIAN JOHN, GB  
[71] CASTLE COLOURS LIMITED, GB  
[71] U.S. BORAX INC., US  
[85] 2004-06-02  
[86] 2002-12-03 (PCT/GB2002/005434)  
[87] 2003-06-12 (WO2003/048071)  
[30] GB (0128881.0) 2001-12-03

[21] **2,469,101**  
[13] A1

[51] **Int.Cl. 7A61M 25/10 7A61M 25/00**  
[25] EN  
[54] **CATHETER HAVING AN IMPROVED BALLOON-TO-CATHETER BOND**  
[54] **CATHETER PRESENTANT UNE LIAISON CATHETER-BALLON AMELIOREE**  
[72] WANG, LIXIAO, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-06-02  
[86] 2002-09-25 (PCT/US2002/030404)  
[87] 2003-07-03 (WO2003/053508)  
[30] US (10/027,417) 2001-12-20

[21] **2,469,083**  
[13] A1

[51] **Int.Cl. 7G11B 7/24**  
[25] EN  
[54] **OPTICAL STORAGE SYSTEM, OPTICAL STORAGE MEDIUM AND USE OF SUCH A MEDIUM**  
[54] **SYSTEME ET SUPPORT DE STOCKAGE OPTIQUE, UTILISATION DUDIT SUPPORT**  
[72] VAN DEN OETELAAR, RONALD J. A., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2004-06-02  
[86] 2002-12-02 (PCT/IB2002/005084)  
[87] 2003-06-12 (WO2003/049098)  
[30] EP (01204696.7) 2001-12-03

[21] **2,469,095**  
[13] A1

[51] **Int.Cl. 7G03F 7/004 7G03F 7/029**  
[25] EN  
[54] **MULTIPHOTON PHOTSENSITIZATION SYSTEM**  
[54] **SYSTEME DE PHOTSENSIBILISATION MULTIPHOTONIQUE**  
[72] DEVOE, ROBERT J., US  
[72] PALAZZOTTO, MICHAEL C., US  
[72] BENTSEN, JAMES G., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-02  
[86] 2002-12-09 (PCT/US2002/039473)  
[87] 2003-07-17 (WO2003/058346)  
[30] US (10/033,507) 2001-12-28

[21] **2,469,105**  
[13] A1

[51] **Int.Cl. 7A47G 21/18 7B65D 77/28**  
[25] EN  
[54] **METHOD AND DEVICE FOR PREVENTING THE INADVERTENT OUTFLOW OF A FLUID FROM A DRINKING CONTAINER**  
[54] **PROCEDE ET DISPOSITIF EMPECHANT L'ECOULEMENT ACCIDENTEL D'UN FLUIDE PROVENANT D'UN RECIPIENT POUR BOISSON**  
[72] NAESJE, KJETIL, NO  
[71] SMARTSEAL AS, NO  
[85] 2004-06-01  
[86] 2002-12-03 (PCT/NO2002/000460)  
[87] 2003-06-19 (WO2003/049583)  
[30] NO (20015957) 2001-12-05

## Demandes PCT entrant en phase nationale

[21] **2,469,108**  
[13] A1

[51] **Int.Cl. 7C07C 211/42**  
[25] EN  
[54] **A NOVEL POLYMORPH OF SERTRALINE HYDROCHLORIDE AND COMPOSITION CONTAINING THEREOF, NOVEL METHODS FOR PREPARATION OF SERTRALINE HYDROCHLORIDE POLYMORPHS AND AMORPHOUS FORM**  
[54] **NOUVEAU POLYMORPHE D'HYDROCHLORURE DE SERTRALINE ET COMPOSITIONS CONTENANT CELUI-CI, NOUVELLES METHODES DE PREPARATION DE POLYMORPHES D'HYDROCHLORURE DE SERTRALINE ET FORME AMORPHE ASSOCIEE**  
[72] SCHWARTZ, EDUARD, IL  
[72] NIDAM, TAMAR, IL  
[72] MENDELOVICI, MARIOARA, IL  
[72] VALDMAN, EVGENI, IL  
[72] LIBERMAN, ANITA, IL  
[72] ARONHIME, JUDITH, IL  
[72] SINGER, CLAUDE, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
[85] 2004-06-01  
[86] 2001-12-13 (PCT/US2001/047546)  
[87] 2003-06-26 (WO2003/051818)

[21] **2,469,111**  
[13] A1

[51] **Int.Cl. 7C08F 10/00 7C08F 4/64**  
[25] EN  
[54] **IMINO-AMIDE CATALYST COMPOSITIONS FOR THE POLYMERIZATION OF OLEFINS**  
[54] **COMPOSITIONS DE CATALYSEURS IMINO-AMIDE POUR LA POLYMERISATION DES OLEFINES**  
[72] MURRAY, REX EUGENE, US  
[71] UNIVATION TECHNOLOGIES LLC, US  
[85] 2004-06-01  
[86] 2002-11-14 (PCT/US2002/036613)  
[87] 2003-06-26 (WO2003/051935)  
[30] US (10/023,255) 2001-12-18

[21] **2,469,113**  
[13] A1

[51] **Int.Cl. 7D21F 11/00 7D21G 9/00**  
[25] EN  
[54] **METHODS AND SYSTEM FOR MANUFACTURING AND FINISHING WEB PRODUCTS AT HIGH SPEED WITHOUT REELING AND UNWINDING**  
[54] **PROCEDES ET SYSTEME DE FABRICATION ET DE FINITION DE PRODUITS EN BANDE A GRANDE VITESSE SANS DEVIDAGE NI DEROULEMENT**  
[72] HANSON, JOHN R., US  
[72] SEYMOUR, ROBERT J., US  
[72] BAGGOT, JAMES L., US  
[72] ISOM, E. KENT, US  
[72] GOERG, CHARLES H., US  
[72] CLARKE, ROBERT L., US  
[72] LEVALLEY, RANDALL J., US  
[72] PIGSLEY, KENNETH A., US  
[72] WOJCIK, STEVEN J., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-02  
[86] 2002-11-20 (PCT/US2002/037459)  
[87] 2003-07-03 (WO2003/054293)  
[30] US (10/025,382) 2001-12-19

[21] **2,469,115**  
[13] A1

[51] **Int.Cl. 7C08J 9/36**  
[25] EN  
[54] **PLASMA FLUORINATION TREATMENT OF POROUS MATERIALS**  
[54] **TRAITEMENT DE FLUORATION PLASMIQUE DE MATERIAUX POREUX**  
[72] HUBERTY, JOHN S., US  
[72] DAVID, MOSES M., US  
[72] BUCCELLATO, GINA M., US  
[72] KIRK, SETH M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-01  
[86] 2002-11-21 (PCT/US2002/037372)  
[87] 2003-06-26 (WO2003/051969)  
[30] US (60/341,564) 2001-12-14  
[30] US (10/293,830) 2002-11-13

[21] **2,469,119**  
[13] A1

[51] **Int.Cl. 7A61K 31/59**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING ACTIVE VITAMIN D COMPOUNDS**  
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES COMPOSES ACTIFS DE VITAMINE D**  
[72] WHITEHOUSE, MARTHA J., US  
[72] YU, XI-YUN, US  
[72] FAN, JUN, US  
[72] CHEN, ANDREW-XIAN, US  
[71] NOVACEA, INC., US  
[85] 2004-06-02  
[86] 2002-12-03 (PCT/US2002/038483)  
[87] 2003-06-12 (WO2003/047595)  
[30] US (60/334,554) 2001-12-03

[21] **2,469,122**  
[13] A1

[51] **Int.Cl. 7D21G 9/00 7B65H 20/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSPORTING A SHEET FROM A DRYER TO A REEL**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRANSPORTER UNE FEUILLE DEPUIS UN DISPOSITIF DE SECHAGE JUSQU'A UNE BOBINE**  
[72] CLARKE, ROBERT L., US  
[72] NEAL, THOMAS G., JR., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-02  
[86] 2002-11-21 (PCT/US2002/037661)  
[87] 2003-07-03 (WO2003/054296)  
[30] US (10/025,205) 2001-12-19

[21] **2,469,123**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **APPARATUS AND METHODS FOR DELIVERY OF BRAIDED PROSTHESES**  
[54] **DISPOSITIF DE MISE EN PLACE DE PROTHESES TRESSEES ET PROCEDES CORRESPONDANT**  
[72] GIFFORD, III, HANSON S., US  
[72] FRENCH, RON, US  
[72] DEEM, MARK E., US  
[72] ANDREAS, BERNARD, US  
[71] XTENT, INC., US  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/US2002/038673)  
[87] 2003-06-12 (WO2003/047465)  
[30] US (60/336,607) 2001-12-03  
[30] US (10/306,620) 2002-11-27

## PCT Applications Entering the National Phase

[21] **2,469,126**  
[13] A1

[51] **Int.Cl. 7B31F 1/07**  
[25] EN  
[54] **HEATED EMBOSsing AND PLY BONDING PROCESS**

[54] **PROCEDE DE GAUFRAGE A CHAUD ET DE LIAISONNEMENT A SEC**

[72] BAGGOT, JAMES L., US  
[72] WENDLER, ROGER E., JR., US  
[72] VANDERHEIDEN, DANIEL J., US  
[72] PAULING, PAUL K., US  
[72] CARLOW, GEOFFREY F., US  
[72] BAUM, TAMMY L., US  
[72] GUNN, ALEXANDER F., US  
[72] FERGUSON, TIMOTHY D., US  
[72] WOOD, JAMES A., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-02  
[86] 2002-11-26 (PCT/US2002/037891)  
[87] 2003-07-03 (WO2003/053666)  
[30] US (10/025,190) 2001-12-19

[21] **2,469,127**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **APPARATUS AND METHODS FOR DELIVERY OF MULTIPLE DISTRIBUTED STENTS**

[54] **APPAREIL ET PROCEDES DE MISE EN PLACE DE MULTIPLES EXTENSEURS**

[72] CHEW, SUNMI, US  
[72] GIFFORD, HANSON S., III, US  
[72] FRENCH, RON, US  
[72] ANDREAS, BERNARD, US  
[72] DEEM, MARK E., US  
[71] XTENT, INC., US  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/US2002/038845)  
[87] 2003-06-12 (WO2003/047651)  
[30] US (60/336,967) 2001-12-03  
[30] US (60/364,389) 2002-03-13  
[30] US (10/306,813) 2002-11-27

[21] **2,469,130**  
[13] A1

[51] **Int.Cl. 7A61K 31/427 7A61P 25/28 7A61K 31/4174 7A61K 31/4178 7A61K 31/4196**

[25] EN  
[54] **PEPTIDE ISOSTERES CONTAINING A HETEROCYCLE USEFUL IN THE TREATMENT OF ALZHEIMER'S DISEASE**

[54] **ISOSTERES PEPTIDIQUES CONTENANT UN HETEROCYCLE QUI CONVIENT POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**

[72] JOHN, VARGHESE, US  
[71] ELAN PHARMACEUTICALS, INC., US  
[85] 2004-06-02  
[86] 2002-12-03 (PCT/US2002/040038)  
[87] 2003-06-12 (WO2003/047576)  
[30] US (60/336,566) 2001-12-04

[21] **2,469,134**  
[13] A1

[51] **Int.Cl. 7C07K 5/10 7A61P 17/02 7A61P 27/02 7A61K 9/06 7C07K 7/06 7A61K 9/08 7A61K 38/30 7C07K 14/65 7A61K 9/70**

[25] EN  
[54] **NOVEL PEPTIDE AND PHARMACEUTICAL USE OF THE SAME**

[54] **NOUVEAUX PEPTIDES ET UTILISATION PHARMACEUTIQUE DE CEUX-CI**

[72] INUI, MAKOTO, JP  
[72] NAKAMURA, MASATSUGU, JP  
[72] NISHIDA, TERUO, JP  
[71] SANTEN PHARMACEUTICAL CO., LTD., JP  
[71] NISHIDA, TERUO, JP  
[85] 2004-06-02  
[86] 2002-12-03 (PCT/JP2002/012632)  
[87] 2003-06-12 (WO2003/048192)  
[30] JP (2001-368103) 2001-12-03

[21] **2,469,136**  
[13] A1

[51] **Int.Cl. 7H04R 17/00 7H01L 41/02 7H01L 41/083**

[25] EN  
[54] **SLEEVED ULTRASONIC TRANSDUCER**  
[54] **TRANSDUCER ULTRASONORE A MANCHON**

[72] GOODSON, J. MICHAEL, US  
[71] THE CREST GROUP, INC., US  
[85] 2004-06-02  
[86] 2003-09-22 (PCT/US2003/029637)  
[87] 2004-04-01 (WO2004/028202)  
[30] US (60/413,069) 2002-09-23  
[30] US (60/501,236) 2003-09-08  
[30] US (10/667,116) 2003-09-19

[21] **2,469,138**  
[13] A1

[51] **Int.Cl. 7C07D 209/14 7C07D 209/00 7C07D 221/00 7C07D 307/00 7C07D 317/00 7A61P 43/00 7C07D 491/08 7C07D 491/10 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7C07D 417/14 7A61K 31/404**

[25] EN  
[54] **INHIBITORS OF CYTOSOLIC PHOSPHOLIPASE A2**  
[54] **INHIBITEURS DE PHOSPHOLIPASE A2 CYTOSOLIQUE**

[72] THAKKER, PARESH, US  
[72] TAM, STEVE YIK-KAI, US  
[72] MCKEW, JOHN CAEDMON, US  
[72] BEHNKE, MARK LEO, US  
[72] SUM, FUK-WAH, US  
[72] LEE, KATHERINE LIN, US  
[72] CLARK, JAMES DONALD, US  
[72] CHEN, LIHREN, US  
[72] HU, BAIHUA, US  
[71] WYETH, US  
[85] 2004-06-02  
[86] 2002-12-02 (PCT/US2002/038311)  
[87] 2003-06-12 (WO2003/048122)  
[30] US (60/334,588) 2001-12-03  
[30] US (60/334,605) 2001-12-03  
[30] US (60/334,591) 2001-12-03  
[30] US (60/419,664) 2002-10-18

## Demandes PCT entrant en phase nationale

---

[21] **2,469,141**  
[13] A1  
[51] **Int.Cl. 7C09K 5/04 7C10M 171/00 7F25D 23/06**  
[25] EN  
[54] **REFRIGERANT COMPOSITIONS CONTAINING A COMPATIBILIZER AND USE THEREOF IN A COMPRESSION REFRIGERATION APPARATUS**  
[54] **COMPOSITIONS DE FLUIDES FRIGORIGENES CONTENANT UN AGENT DE COMPTABILISATION ET UTILISATION DE CES COMPOSITIONS DANS UN DISPOSITIF DE REFRIGERATION A COMPRESSION**  
[72] MAHLER, WALTER, US  
[72] MANZER, LEO ERNEST, US  
[72] LEE, ROBERT A., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-06-03  
[86] 2002-06-07 (PCT/US2002/018711)  
[87] 2003-06-19 (WO2003/050200)  
[30] US (10/010,187) 2001-12-06  
[30] US (10/164,743) 2002-06-06

---

[21] **2,469,142**  
[13] A1  
[51] **Int.Cl. 7H04L 12/43**  
[25] EN  
[54] **OPTICAL NETWORK COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION SUR RESEAU OPTIQUE**  
[72] RON, ILAN, IL  
[72] SHRAGA, EYAL, IL  
[72] MARMUR, OREN, IL  
[72] AROL, JOSEPH, IL  
[71] FLEXLIGHT NETWORKS LTD., IL  
[85] 2004-06-02  
[86] 2002-11-20 (PCT/IL2002/000924)  
[87] 2003-06-12 (WO2003/049350)  
[30] US (10/016,584) 2001-12-05

---

---

[21] **2,469,144**  
[13] A1  
[51] **Int.Cl. 7G01V 5/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING ORIENTED DENSITY MEASUREMENTS INCLUDING STAND-OFF CORRECTIONS**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'EVALUER UNE DENSITE ORIENTEE SELON UN AXE AVEC CORRECTIONS D'ECART**  
[72] KURKOSKI, PHILIP L., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-06-02  
[86] 2002-12-04 (PCT/US2002/038517)  
[87] 2003-06-12 (WO2003/048814)  
[30] US (10/004,650) 2001-12-04

---

[21] **2,469,145**  
[13] A1  
[51] **Int.Cl. 7B61L 5/00**  
[25] EN  
[54] **MODULAR POINT DETECTOR FOR RAILROAD TRACK SWITCH**  
[54] **DETECTEUR DE POINT MODULAIRE POUR AIGUILLAGE**  
[72] BRUSHWOOD, DANIEL, US  
[71] UNION SWITCH & SIGNAL, INC., US  
[85] 2004-06-02  
[86] 2002-10-01 (PCT/US2002/031197)  
[87] 2003-06-19 (WO2003/049983)  
[30] US (10/006,506) 2001-12-06

---

[21] **2,469,147**  
[13] A1  
[51] **Int.Cl. 7C07D 249/08**  
[25] EN  
[54] **BIS(CYANOPHENYL)METHYL-TRIAZOLE FOR USE IN PREVENTION OF BREAST CANCER**  
[54] **BIS(CYANOPHENYL)METHYL-TRIAZOLE A UTILISER POUR LA PREVENTION DU CANCER DU SEIN**  
[72] TEKMAL, RAJESHWAR RAO, US  
[71] EMORY UNIVERSITY, US  
[85] 2004-06-02  
[86] 2002-12-10 (PCT/IB2002/005304)  
[87] 2003-06-19 (WO2003/050093)  
[30] US (60/339,574) 2001-12-11

---

---

[21] **2,469,149**  
[13] A1  
[51] **Int.Cl. 7A61N 1/362 7G06F 17/00 7A61N 1/39**  
[25] EN  
[54] **DUAL CHAMBER METHOD AND APPARATUS FOR DIAGNOSIS AND TREATMENT OF ARRHYTHMIAS**  
[54] **PROCEDE ET DISPOSITIF A CHAMBRE DOUBLE SERVANT A DIAGNOSTIQUER ET A TRAITER LES ARYTHMIES**  
[72] BROWN, MARK L., US  
[72] GILLBERG, JEFFREY M., US  
[72] STADLER, ROBERT W., US  
[71] MEDTRONIC, INC., US  
[85] 2004-06-02  
[86] 2002-12-02 (PCT/US2002/040014)  
[87] 2003-06-12 (WO2003/047690)  
[30] US (60/337,111) 2001-12-03

---

[21] **2,469,150**  
[13] A1  
[51] **Int.Cl. 7C30B 25/10 7C30B 29/04**  
[25] EN  
[54] **BORON DOPED DIAMOND**  
[54] **DIAMANT DOPE AU BORE**  
[72] WHITEHEAD, ANDREW JOHN, GB  
[72] TWITCHEN, DANIEL JAMES, GB  
[72] COOPER, MICHAEL ANDREW, GB  
[72] MARTINEAU, PHILIP MAURICE, GB  
[72] SCARSBROOK, GEOFFREY ALAN, GB  
[72] DORN, BARBEL SUSANNE CHARLOTTE, GB  
[71] ELEMENT SIX LIMITED, GB  
[85] 2004-06-02  
[86] 2002-12-13 (PCT/IB2002/005324)  
[87] 2003-06-26 (WO2003/052174)  
[30] GB (0130005.2) 2001-12-14

---

[21] **2,469,153**  
[13] A1  
[51] **Int.Cl. 7F25J 1/02 7F25J 3/00**  
[25] EN  
[54] **COMBINED RECOVERY OF HYDROGEN AND HYDROCARBON LIQUIDS FROM HYDROGEN-CONTAINING GASES**  
[54] **EXTRACTION COMBINEE D'HYDROCARBURE ET D'HYDROGENE LIQUIDES DANS DES GAZ CONTENANT DE L'HYDROGENE**  
[72] REDDY, SATISH, US  
[71] FLUOR CORPORATION, US  
[85] 2004-06-02  
[86] 2002-12-17 (PCT/US2002/040412)  
[87] 2003-06-26 (WO2003/051482)  
[30] US (60/342,262) 2001-12-18

---

## PCT Applications Entering the National Phase

[21] **2,469,155**  
[13] A1

[51] **Int.Cl. 7A61N 1/18**  
[25] EN  
[54] **DEVICE AND METHOD TO MODULATE BLOOD PRESSURE BY ELECTRICAL WAVEFORMS**  
[54] **DISPOSITIF ET PROCEDURE PERMETTANT DE MODULER LA PRESSION ARTERIELLE AU MOYEN DE FORMES D'ONDE ELECTRIQUES**  
[72] LEE, CLAUDE K., US  
[72] SCHULER, ELEANOR, US  
[71] SCIENCE MEDICUS, INC., US  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/US2002/038542)  
[87] 2003-06-12 (WO2003/047683)  
[30] US (10/006,471) 2001-12-04

[21] **2,469,156**  
[13] A1

[51] **Int.Cl. 7A23G 3/30**  
[25] EN  
[54] **CENTER-FILLED CHEWING GUM CONTAINING CALCIUM**  
[54] **GOMME A MACHER FOURREE CONTENANT DU CALCIUM**  
[72] KELLSTEIN, CAROLINA BUITRON, US  
[72] GLENN, BLAKE HENDERSON, US  
[72] KIEFER, JESSE JOHN, US  
[72] OLAYA, HECTOR, US  
[71] CADBURY ADAMS USA LLC, US  
[85] 2004-06-02  
[86] 2003-01-09 (PCT/IB2003/000048)  
[87] 2003-07-24 (WO2003/059082)  
[30] US (10/047,967) 2002-01-16

[21] **2,469,158**  
[13] A1

[51] **Int.Cl. 7B23D 15/04 7B23D 35/00 7B26D 1/04 7B21D 37/10**  
[25] EN  
[54] **DIE ASSEMBLY**  
[54] **ENSEMBLE MATRICE A DECOUPER**  
[72] BYRNE, MICHAEL ANTHONY, US  
[72] LYONS, MICHAEL PATRICK, US  
[71] MAGNA INTERNATIONAL INC., CA  
[85] 2004-06-02  
[86] 2001-12-12 (PCT/US2001/047648)  
[87] 2003-07-03 (WO2003/053620)  
[30] US (10/007,692) 2001-12-10

[21] **2,469,159**  
[13] A1

[51] **Int.Cl. 7A61N 1/39**  
[25] EN  
[54] **CONTROL OF ARBITRARY WAVEFORMS FOR CONSTANT DELIVERED ENERGY**  
[54] **COMMANDE D'OSCILLOGRAMMES ARBITRAIRES POUR ENERGIE D'APPORT CONSTANT**  
[72] DEGROOT, PAUL J., US  
[72] KUEHN, KEVIN, US  
[72] WOLD, WARREN W., US  
[72] SINNER, THOMAS W., US  
[72] HAVEL, WILLIAM J., US  
[72] KEMMETMUELLER, GARY, US  
[71] MEDTRONIC, INC., US  
[85] 2004-06-02  
[86] 2002-12-03 (PCT/US2002/040037)  
[87] 2003-06-12 (WO2003/047685)  
[30] US (60/337,135) 2001-12-03

[21] **2,469,161**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/00 7A61K 39/00 7A61K 48/00 7C12N 5/12 7A61K 38/17 7C07K 16/32 7A61K 39/395 7C07K 14/47 7A61K 47/48 7G01N 33/574 7C12Q 1/68 7A61K 31/7088 7C07K 14/82**  
[25] EN  
[54] **NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 193P1E1B USEFUL IN TREATMENT AND DETECTION OF CANCER**  
[54] **ACIDE NUCLEIQUE ET PROTEINE CORRESPONDANTE APPELEE 193P1E1B UTILE DANS LE TRAITEMENT ET LA DETECTION DU CANCER**  
[72] RAITANO, ARTHUR B., US  
[72] CHALLITA-EID, PIA M., US  
[72] GE, WANGMAO, US  
[72] HUBERT, RENE S., US  
[72] FARIS, MARY, US  
[72] JAKOBOVITS, AYA, US  
[71] AGENSYS, INC., US  
[85] 2004-06-03  
[86] 2002-12-06 (PCT/US2002/039274)  
[87] 2003-06-19 (WO2003/050255)  
[30] US (10/013,312) 2001-12-07

[21] **2,469,162**  
[13] A1

[51] **Int.Cl. 7A61K 31/401 7A61P 35/00 7A61K 31/195 7A61K 31/198 7A61K 31/353 7A61K 31/375**  
[25] EN  
[54] **COMPOSITION INHIBITING MATRIX-METALLPROTEINASES FOR THE TREATMENT OF NEOPLASTIC DISEASES**  
[54] **COMPOSITION INHIBANT LES METALLOPROTEINASES MATRICIELLES, DESTINEE AU TRAITEMENT DES MALADIES NEOPLASIQUES**  
[72] NETKE, SHRIRANG, US  
[72] IVANOV, VADIM, US  
[72] RATH, MATTHIAS DR., NL  
[72] NIEDZWIECKI, ALEKSANDRA, US  
[72] ROOMI, WAHEED, US  
[71] RATH, MATTHIAS DR., NL  
[85] 2004-06-03  
[86] 2002-01-31 (PCT/EP2002/001005)  
[87] 2003-07-17 (WO2003/057211)  
[30] US (10/041,427) 2002-01-08

[21] **2,469,164**  
[13] A1

[51] **Int.Cl. 7B01D 11/02**  
[25] EN  
[54] **CHEMICAL FEEDER**  
[54] **DOSEUR DE REACTIF**  
[72] PALOIAN, MICHAEL, US  
[72] ORCHARD, ANTHONY R., US  
[72] ZETENA, CHRISTOPHER M., US  
[72] BLANCHETTE, DAVID W., US  
[71] ARCH CHEMICALS, INC., US  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/US2002/038824)  
[87] 2003-06-12 (WO2003/047715)  
[30] US (60/338,386) 2001-12-04  
[30] US (60/392,727) 2002-06-27  
[30] US (10/307,671) 2002-12-02

[21] **2,469,166**  
[13] A1

[51] **Int.Cl. 7E21B 31/00 7E21B 7/24**  
[25] EN  
[54] **METHOD OF FREEING STUCK DRILL PIPE**  
[54] **PROCEDURE PERMETTANT DE LIBERER UNE TIGE DE FORAGE COINCEE**  
[72] HALE, ARTHUR HERMAN, US  
[72] TUTUNCU, AZRA NUR, US  
[71] SHELL CANADA LIMITED, CA  
[85] 2004-06-03  
[86] 2002-12-11 (PCT/US2002/039502)  
[87] 2003-06-19 (WO2003/050383)  
[30] US (60/339,520) 2001-12-11

## Demandes PCT entrant en phase nationale

---

[21] **2,469,168**  
[13] A1  
[51] **Int.Cl. 7H04J 3/00 7G01V 3/00 7G06F 15/16 7H04J 3/24 7H04L 27/36**  
[25] EN  
[54] **BURST QAM DOWNHOLE TELEMETRY SYSTEM**  
[54] **SYSTEME DE TELEMETRIE DE FOND QAM PAR RAFALES**  
[72] TRAINOR, WILLIAM, US  
[72] WEI, MICHAEL, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2004-06-02  
[86] 2002-11-26 (PCT/US2002/037856)  
[87] 2003-06-19 (WO2003/050376)  
[30] US (10/017,176) 2001-12-07

---

[21] **2,469,170**  
[13] A1  
[51] **Int.Cl. 7G01N 33/48 7G06F 19/00 7G01N 33/50 7G01N 33/54**  
[25] EN  
[54] **METHOD FOR PRODUCING CHEMICAL LIBRARIES ENHANCED WITH BIOLOGICALLY ACTIVE MOLECULES**  
[54] **PROCEDE DE PRODUCTION DE BIBLIOTHEQUES CHIMIQUES AMELIOREES AU MOYEN DE MOLECULES BIOACTIVES**  
[72] VAN RHEE, ALBERT MICHIEL, US  
[71] ICAGEN, INC., US  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/US2002/038429)  
[87] 2003-06-12 (WO2003/047739)  
[30] US (60/336,656) 2001-12-03  
[30] US (10/308,872) 2002-12-02

---

[21] **2,469,173**  
[13] A1  
[51] **Int.Cl. 7G11B 20/10**  
[25] EN  
[54] **RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING REPRODUCTION OF GRAPHIC DATA AND RECORDING AND REPRODUCING METHODS AND APPARATUSES**  
[54] **MOYEN D'ENREGISTREMENT AYANT UNE STRUCTURE DE DONNEES ET DESTINE A LA GESTION DE LA REPRODUCTION DE DONNEES GRAPHIQUES ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION**  
[72] SEO, KANG SOO, KR  
[72] UM, SOUNG HYUN, KR  
[72] PARK, SUNG WAN, KR  
[72] KIM, BYUNG JIN, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2004-06-02  
[86] 2003-09-30 (PCT/KR2003/001993)  
[87] 2004-04-15 (WO2004/032136)  
[30] KR (10-2002-0060683) 2002-10-04

---

[21] **2,469,175**  
[13] A1  
[51] **Int.Cl. 7B01L 3/00 7B01L 7/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ANALYZING A BLOOD SAMPLE AND DISPOSABLE CARTRIDGE FOR USE IN THIS SYSTEM OR METHOD**  
[54] **SYSTEME ET TECHNIQUE D'ANALYSE DE PRELEVEMENT SANGUIN ET CARTOUCHE JETABLE DESTINEE A CE SYSTEME OU A CETTE TECHNIQUE**  
[72] VAN BEUNINGEN, MARINUS GERARDUS JOHANNES, NL  
[71] PAMGENE B.V., NL  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/EP2002/013734)  
[87] 2003-06-12 (WO2003/047755)  
[30] EP (01204778.3) 2001-12-06  
[30] US (60/370,573) 2002-04-05

---

[21] **2,469,176**  
[13] A1  
[51] **Int.Cl. 7G11B 20/12**  
[25] EN  
[54] **RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF MULTIPLE AUDIO STREAMS RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES**  
[54] **SUPPORT D'ENREGISTREMENT PRESENTANT UNE STRUCTURE DE DONNEES POUR GERER LA REPRODUCTION DE FLUX AUDIO MULTIPLES ENREGISTRES SUR CELUI-CI ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION**  
[72] UM, SOUNG HYUN, KR  
[72] KIM, BYUNG JIN, KR  
[72] SEO, KANG SOO, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2004-06-02  
[86] 2003-10-11 (PCT/KR2003/002097)  
[87] 2004-04-29 (WO2004/036577)  
[30] KR (10-2002-0062523) 2002-10-14

---

[21] **2,469,178**  
[13] A1  
[51] **Int.Cl. 7G11B 20/12**  
[25] EN  
[54] **RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF MULTIPLE GRAPHICS STREAMS RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES**  
[54] **SUPPORT D'ENREGISTREMENT PRESENTANT UNE STRUCTURE DE DONNEES POUR GERER LA REPRODUCTION DE FLUX GRAPHIQUES MULTIPLES ENREGISTRES SUR CELUI-CI ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION**  
[72] KIM, BYUNG JIN, KR  
[72] SEO, KANG SOO, KR  
[72] UM, SOUNG HYUN, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2004-06-02  
[86] 2003-10-11 (PCT/KR2003/002100)  
[87] 2004-04-29 (WO2004/036578)  
[30] KR (10-2002-0062940) 2002-10-15

## PCT Applications Entering the National Phase

---

[21] **2,469,179**  
[13] A1

[51] **Int.Cl. 7E21B 44/00**  
[25] EN  
[54] **METHOD AND EQUIPMENT FOR CONTROLLING OPERATION OF ROCK DRILLING APPARATUS**  
[54] **PROCEDE ET EQUIPEMENT DE COMMANDE DE FONCTIONNEMENT D'UN APPAREIL DE FORAGE DE ROCHE**  
[72] RANTALA, ESA, FI  
[72] UITTO, VESA, FI  
[72] LEMMETTY, PAULI, FI  
[72] PELTONEN, VESA, FI  
[72] NIEMI, JAAKKO, FI  
[72] KEMPPAINEN, TIMO, FI  
[72] KESKINIVA, MARKKU, FI  
[72] SAHA, HEIKKI, FI  
[72] KOSKIMAKI, ANTTI, FI  
[72] POYSTI, TAPANI, FI  
[71] SANDVIK TAMROCK OY, FI  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/FI2002/000997)  
[87] 2003-06-19 (WO2003/050388)  
[30] FI (20012418) 2001-12-07

---

[21] **2,469,181**  
[13] A1

[51] **Int.Cl. 7H04N 7/18**  
[25] EN  
[54] **360 DEGREE AUTOMOBILE VIDEO CAMERA SYSTEM**  
[54] **SYSTEME DE CAMERA VIDEO A 360 DEGRES POUR VEHICULE**  
[72] MAZZILI, JOSEPH, J., US  
[71] MAZZILI, JOSEPH, J., US  
[85] 2004-06-02  
[86] 2001-12-03 (PCT/US2001/045820)  
[87] 2003-06-12 (WO2003/049446)

---

---

[21] **2,469,182**  
[13] A1

[51] **Int.Cl. 7E03C 1/05**  
[25] EN  
[54] **ELECTRONIC FAUCETS FOR LONG-TERM OPERATION**  
[54] **ROBINETS ELECTRONIQUES CONCUS POUR UN FONCTIONNEMENT A LONG TERME**  
[72] GULER, FATIH, US  
[72] PARSONS, NATAN E., US  
[72] HERBERT, KAY, US  
[72] MO, XIAOXIONG, US  
[72] GREENE, GREGORY P., US  
[71] ARICHELL TECHNOLOGIES, INC., US  
[85] 2004-06-03  
[86] 2002-12-04 (PCT/US2002/038757)  
[87] 2003-06-12 (WO2003/048463)  
[30] US (10/011,423) 2001-12-04  
[30] US (60/391,282) 2002-06-24

---

[21] **2,469,183**  
[13] A1

[51] **Int.Cl. 7F23J 15/00**  
[25] EN  
[54] **HIGH TEMPERATURE GAS REFORMING CYCLO-INCINERATOR**  
[54] **CYCLO-INCINERATEUR DE REFORMAGE DE GAZ A HAUTE TEMPERATURE**  
[72] SONG, KWON-KYU, KR  
[71] SONG, KWON-KYU, KR  
[85] 2004-06-03  
[86] 2002-11-14 (PCT/KR2002/002125)  
[87] 2003-06-12 (WO2003/048642)  
[30] KR (2001-76619) 2001-12-05

---

[21] **2,469,184**  
[13] A1

[51] **Int.Cl. 7G01L 5/04**  
[25] EN  
[54] **PROCESS FOR MEASURING THE TENSION IN A METAL STRIP**  
[54] **PROCEDE DE MESURE DE LA TENSION DANS UNE BANDE METALLIQUE**  
[72] FARLEY, THOMAS WILLIAM DASHWOOD, GB  
[71] ALCAN INTERNATIONAL LIMITED, CA  
[85] 2004-06-03  
[86] 2002-12-10 (PCT/GB2002/005600)  
[87] 2003-06-19 (WO2003/050494)  
[30] EP (01811211.0) 2001-12-11

---

---

[21] **2,469,185**  
[13] A1

[51] **Int.Cl. 7G01S 3/72 7H01Q 3/00 7G01S 3/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTO CALIBRATED REDUCED RANK ADAPTIVE PROCESSOR**  
[54] **SYSTEME ET PROCEDE POUR PROCESSEUR ADAPTATIF AUTO-ETALONNE A NUMERO DE NIVEAU REDUIT**  
[72] LEHTOMAKI, NORMAN A., US  
[72] BAKER, GREGORY A., US  
[72] DIVINE, DWIGHT, III, US  
[71] LOCKHEED MARTIN CORPORATION, US  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/US2002/038614)  
[87] 2003-06-19 (WO2003/050559)  
[30] US (60/335,800) 2001-12-05

---

[21] **2,469,186**  
[13] A1

[51] **Int.Cl. 7G01C 17/00 7G01C 9/00 7G01C 19/00 7G06F 15/00**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR CHARTING THE TIME AND POSITION OF A CONTESTANT IN A RACE**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRACER LA COURBE DU TEMPS ET DE LA POSITION D'UN CONCURRENT DANS UNE COURSE**  
[72] VINCENZINI, FERNANDO, US  
[71] VINCENZINI, FERNANDO, US  
[85] 2004-06-03  
[86] 2002-12-03 (PCT/US2002/038459)  
[87] 2003-06-12 (WO2003/048686)  
[30] US (60/336,620) 2001-12-03

---

## Demandes PCT entrant en phase nationale

[21] **2,469,187**  
[13] A1  
[51] **Int.Cl. 7C07D 413/06 7C07D 521/00 7C07D 401/06 7C07D 403/06 7C07D 405/06 7C07D 409/06 7C07D 405/10 7C07D 233/22 7C07D 233/24 7C07D 233/26 7A61K 31/4164 7A61K 31/422 7A61K 31/454 7A61K 31/4545 7A61K 31/501**  
[25] EN  
[54] **CIS-2,4,5- TRIPHENYL-IMIDAZOLINES AND THEIR USE IN THE TREATMENT OF TUMORS**  
[54] **CIS-2,4,5- TRIPHENYL-IMIDAZOLINES ET LEURS UTILISATIONS DANS LE TRAITEMENT DES TUMEURS**  
[72] KONG, NORMAN, US  
[72] LIU, EMILY AIJUN, US  
[72] VU, BINH THANH, US  
[71] F. HOFFMAN-LA ROCHE AG, CH  
[85] 2004-06-03  
[86] 2002-12-09 (PCT/EP2002/013904)  
[87] 2003-06-26 (WO2003/051359)  
[30] US (60/341,714) 2001-12-18  
[30] US (60/390,874) 2002-06-21

[21] **2,469,188**  
[13] A1  
[51] **Int.Cl. 7A61B 5/055**  
[25] EN  
[54] **RECANALIZATION OF OCCLUDED VESSEL USING MAGNETIC RESONANCE GUIDANCE**  
[54] **RECANALISATION DE VAISSEAUX OCCLUS GUIDEE PAR RESONANCE MAGNETIQUE**  
[72] SMITH, SCOTT R., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-06-03  
[86] 2002-12-10 (PCT/US2002/039450)  
[87] 2003-06-26 (WO2003/051192)  
[30] US (10/017,213) 2001-12-14

[21] **2,469,189**  
[13] A1  
[51] **Int.Cl. 7E03D 3/02 7E03D 5/10**  
[25] EN  
[54] **AUTOMATIC BATHROOM FLUSHERS**  
[54] **CHASSE D'EAU AUTOMATIQUE**  
[72] HERBERT, KAY, US  
[72] MO, XIAOXIONG, US  
[72] GREENE, GREGORY P., US  
[72] GULER, FATIH, US  
[72] PARSONS, NATAN E., US  
[71] ARICHELL TECHNOLOGIES, INC., US  
[85] 2004-06-03  
[86] 2002-12-04 (PCT/US2002/038758)  
[87] 2003-06-12 (WO2003/048464)  
[30] US (10/012,226) 2001-12-04  
[30] US (10/012,252) 2001-12-04  
[30] US (60/362,166) 2002-03-05  
[30] US (60/391,282) 2002-06-24  
[30] US (60/424,378) 2002-11-06

[21] **2,469,191**  
[13] A1  
[51] **Int.Cl. 7C07D 265/02 7C07C 259/06 7A01N 43/72**  
[25] EN  
[54] **[1.2]-OXAZIN-3,5-DIONES**  
[54] **[1.2]-OXAZINE-3,5-DIONES**  
[72] FISCHER, REINER, DE  
[72] ERDELEN, CHRISTOPH (DECEASED), DE  
[72] SCHENKE, THOMAS, DE  
[71] BAYER CROSCIENCE AG, DE  
[85] 2004-06-03  
[86] 2002-11-27 (PCT/EP2002/013382)  
[87] 2003-06-12 (WO2003/048138)  
[30] DE (101 60 007.0) 2001-12-06

[21] **2,469,194**  
[13] A1  
[51] **Int.Cl. 7G01F 1/84 7B21D 39/06**  
[25] EN  
[54] **CORIOLIS FLOWMETER COMPRISING A STRAIGHT TUBE**  
[54] **DEBITMETRE DE CORIOLIS A TUBE RECTILIGNE**  
[72] ANKLIN, MARTIN, CH  
[72] LORENZ, RAINER, DE  
[71] ENDRESS + HAUSER FLOWTEC AG, CH  
[85] 2004-06-03  
[86] 2002-11-30 (PCT/EP2002/013539)  
[87] 2003-06-12 (WO2003/048693)  
[30] DE (101 59 809.2) 2001-12-05

[21] **2,469,195**  
[13] A1  
[51] **Int.Cl. 7A61M 25/01**  
[25] EN  
[54] **SUPER ELASTIC GUIDEWIRE WITH SHAPE RETENTION TIP**  
[54] **FIL GUIDE SUPERELASTIQUE AVEC POINTE A MEMOIRE DE FORME**  
[72] SAHATJIAN, RONALD A., US  
[72] GRIFFIN, STEPHEN, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-06-02  
[86] 2002-09-25 (PCT/US2002/030402)  
[87] 2003-06-26 (WO2003/051444)  
[30] US (10/025,668) 2001-12-18

[21] **2,469,197**  
[13] A1  
[51] **Int.Cl. 7G01N 27/26 7G01N 27/447**  
[25] EN  
[54] **MULTI-CAPILLARY ELECTROPHORESIS APPARATUS**  
[54] **DISPOSITIF D'ELECTROPHORESE MULTICAPILLAIRE**  
[72] KOJIMA, MASAYA, JP  
[72] OZAWA, MIHO, JP  
[72] NORDMAN, ERIC S., US  
[72] YAMAZAKI, MOTOHIRO, JP  
[72] KODAMA, YOSHITAKE, JP  
[72] INANAMI, RYOUJI, JP  
[71] APPLERA CORPORATION, US  
[71] HITACHI HIGH-TECHNOLOGIES CORPORATION, JP  
[85] 2004-06-03  
[86] 2002-12-04 (PCT/US2002/038611)  
[87] 2003-06-12 (WO2003/048755)  
[30] JP (2001-370349) 2001-12-04  
[30] US (10/245,492) 2002-09-18

## PCT Applications Entering the National Phase

[21] **2,469,198**  
[13] A1  
[51] **Int.Cl. 7H04L 9/30 7H04L 9/32**  
[25] EN  
[54] **DIGITAL SIGNATURE AND AUTHENTICATION METHOD AND APPARATUS**  
[54] **SIGNATURE NUMERIQUE ET PROCEDE ET DISPOSITIF D'AUTHENTIFICATION**  
[72] PIPHER, JILL C., US  
[72] HOWGRAVE-GRAHAM, NICHOLAS A., US  
[72] SILVERMAN, JOSEPH H., US  
[72] WHYTE, WILLIAM J., US  
[72] HOFFSTEIN, JEFFREY, US  
[71] NTRU CRYPTOSYSTEMS, INC., US  
[85] 2004-06-03  
[86] 2002-12-06 (PCT/US2002/038640)  
[87] 2003-06-19 (WO2003/050998)  
[30] US (60/338,330) 2001-12-07

[21] **2,469,199**  
[13] A1  
[51] **Int.Cl. 7C30B 29/20**  
[25] EN  
[54] **ALUMINUM OXIDE MATERIAL FOR OPTICAL DATA STORAGE**  
[54] **MATERIAU EN OXYDE D'ALUMINIUM POUR STOCKAGE DE DONNEES OPTIQUES**  
[72] AKSELROD, MARK, US  
[71] LANDAUER, INC., US  
[85] 2004-06-03  
[86] 2002-12-04 (PCT/US2002/038598)  
[87] 2003-06-12 (WO2003/048431)  
[30] US (60/336,749) 2001-12-04  
[30] US (60/417,153) 2002-10-10

[21] **2,469,200**  
[13] A1  
[51] **Int.Cl. 7A61K 31/4409 7A61K 9/00 7A61P 29/00**  
[25] EN  
[54] **ANALGESIC DELIVERY SYSTEMS AND METHODS OF USE**  
[54] **SYSTEMES D'ADMINISTRATION D'ANALGESIQUES ET METHODES D'UTILISATION**  
[72] DRUZGALA, PASCAL, US  
[71] ARYX THERAPEUTICS, US  
[85] 2004-06-03  
[86] 2002-12-17 (PCT/US2002/040183)  
[87] 2003-06-26 (WO2003/051363)  
[30] US (60/341,743) 2001-12-17

[21] **2,469,201**  
[13] A1  
[51] **Int.Cl. 7B64B 1/00 7B60V 3/08**  
[25] EN  
[54] **LIGHTER-THAN-AIR AIRCRAFT WITH AIR CUSHION LANDING GEAR MEANS**  
[54] **AERONEF PLUS LEGER QUE L'AIR DOTE D'UN DISPOSITIF TRAIN D'ATTERRISSAGE SUR COUSSIN D'AIR**  
[72] MUNK, JEFFREY ROGER, GB  
[71] ADVANCED TECHNOLOGIES GROUP LIMITED, GB  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/GB2002/005506)  
[87] 2003-06-12 (WO2003/047967)  
[30] GB (0129153.3) 2001-12-05

[21] **2,469,202**  
[13] A1  
[51] **Int.Cl. 7B29C 47/00 7A01N 25/12**  
[25] EN  
[54] **A PROCESS FOR PREPARATION OF CHEMICALLY STABLE, DRY-FLOW, LOW COMPACT, DUST FREE, SOLUBLE GRANULES OF PHOSPHOROAMIDOTHIOATES**  
[54] **PROCEDE DE PREPARATION DE GRANULES DE PHOSPHOROAMIDOTHIOATES SOLUBLES, EXEMPTS DE POUSSIERE, FAIBLEMENT COMPACTS, S'ECOULANT LIBREMENT ET CHIMIQUEMENT STABLES**  
[72] SHROFF, RAJU DEVIDAS, IN  
[72] JADHAV, PRAKASH MAHADEO, IN  
[71] UNITED PHOSPHORUS, LTD., IN  
[71] UNITED PHOSPHORUS, INC., US  
[85] 2004-06-03  
[86] 2002-12-18 (PCT/US2002/040353)  
[87] 2003-06-26 (WO2003/051606)  
[30] US (60/340,272) 2001-12-18

[21] **2,469,203**  
[13] A1  
[51] **Int.Cl. 7C08J 5/00 7C08L 21/00 7C08J 5/04 7C08J 5/06**  
[25] EN  
[54] **A METHOD AND COMPOSITION FOR BONDING FIBRES TO RUBBERS**  
[54] **PROCEDE ET COMPOSITION PERMETTANT DE LIER DES FIBRES A DES CAOUTCHOUCS**  
[72] RICHARDSON, FRANK BARNETT, GB  
[72] RUTHERFORD, JAMES ANTHONY, GB  
[71] THOMAS SWAN & CO. LTD., GB  
[85] 2004-06-03  
[86] 2002-12-06 (PCT/GB2002/005519)  
[87] 2003-06-12 (WO2003/048237)  
[30] GB (0129368.7) 2001-12-07

[21] **2,469,204**  
[13] A1  
[51] **Int.Cl. 7A61K 31/00 7A61K 38/00 7A61K 39/395**  
[25] EN  
[54] **PROSPECTIVE IDENTIFICATION AND CHARACTERIZATION OF BREAST CANCER STEM CELLS**  
[54] **IDENTIFICATION ET CARACTERISATION PROSPECTIVES DES CELLULES SOUCHES CANCEREUSES DU SEIN**  
[72] AL-HAJJ, MOHAMMAD, US  
[72] CLARKE, MICHAEL F., US  
[72] WICHA, MAX S., US  
[71] REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2004-06-07  
[86] 2002-12-06 (PCT/US2002/039191)  
[87] 2003-06-19 (WO2003/050502)  
[30] US (60/338,358) 2001-12-07

[21] **2,469,207**  
[13] A1  
[51] **Int.Cl. 7A01K 5/02 7B01F 15/00 7A23K 3/00 7A61L 2/10**  
[25] EN  
[54] **FEEDING DEVICE**  
[54] **DISPOSITIF D'AFFOURAGEMENT**  
[72] KL. SEXTRO, FRANZ-JOSEF, DE  
[71] WEDA-DAMMANN & WESTERKAMP GMBH, DE  
[85] 2004-06-03  
[86] 2002-11-26 (PCT/EP2002/013258)  
[87] 2003-06-26 (WO2003/051107)  
[30] DE (201 20 281.6) 2001-12-14

## Demandes PCT entrant en phase nationale

[21] **2,469,208**  
[13] A1

[51] **Int.Cl. 7G01S 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING ELECTROMAGNETIC INTERFERENCE AND JAMMING IN COMMUNICATIONS EQUIPMENT OPERATING IN ROLLING ENVIRONMENTS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE REDUIRE LES INTERFERENCES ELECTROMAGNETIQUES ET LE BROUILLAGE DANS LES EQUIPEMENTS DE COMMUNICATION FONCTIONNANT DANS DES ENVIRONNEMENTS SUBISSANT UN ROULIS**  
[72] ROSEN, MURRAY W., US  
[72] CASABONA, MARIO M., US  
[72] VAN ALSTINE, DAVID J., US  
[71] ELECTRO-RADIATION, INC., US  
[85] 2004-06-02  
[86] 2002-12-04 (PCT/US2002/038613)  
[87] 2003-06-12 (WO2003/048799)  
[30] US (60/335,266) 2001-12-04

[21] **2,469,209**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7A61K 48/00 7C12N 15/86**  
[25] EN  
[54] **CULTURED CELLS FROM PANCREATIC ISLETS**  
[54] **CELLULES CULTIVEES PROVENANT D'ILOTS PANCREATIQUES**  
[72] JIN, JIANJIAN, US  
[71] ORGANOGENESIS INC., US  
[85] 2004-06-02  
[86] 2002-12-04 (PCT/US2002/038848)  
[87] 2003-06-12 (WO2003/048336)  
[30] US (60/337,205) 2001-12-04

[21] **2,469,210**  
[13] A1

[51] **Int.Cl. 7H04L 12/18 7H04Q 7/38**  
[25] EN  
[54] **EFFICIENT MULTICASTING FOR PACKET DATA SYSTEMS**  
[54] **MULTIDIFFUSION EFFICACE POUR DES SYSTEMES DE TRANSMISSION DE DONNEES PAR PAQUETS**  
[72] LUNDBY, STEIN A., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-06-03  
[86] 2002-12-17 (PCT/US2002/040419)  
[87] 2003-07-03 (WO2003/055142)  
[30] US (10/029,711) 2001-12-19

[21] **2,469,211**  
[13] A1

[51] **Int.Cl. 7H04N 7/16 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DELIVERING ADVERTISING CONTENT REMOTELY**  
[54] **SYSTEME ET PROCEDE DE TRANSMISSION A DISTANCE D'UNE IMAGE PUBLICITAIRE**  
[72] ROGERS, SAM, US  
[71] ALIVEPROMO INC., US  
[85] 2004-06-02  
[86] 2002-12-06 (PCT/US2002/038933)  
[87] 2003-06-19 (WO2003/051053)  
[30] US (60/339,144) 2001-12-07

[21] **2,469,213**  
[13] A1

[51] **Int.Cl. 7H04M 7/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INTEGRATING MULTIMEDIA SERVICES WITH TRADITIONAL TELEPHONY VIA DIFFERENT NETWORKS**  
[54] **SYSTEME ET PROCEDE POUR INTEGRER DES SERVICES MULTIMEDIAS A LA TELEPHONIE TRADITIONNELLE VIA DIFFERENTS RESEAUX**  
[72] SYLVAIN, DANY, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2004-06-03  
[86] 2002-11-25 (PCT/IB2002/004939)  
[87] 2003-07-03 (WO2003/055193)  
[30] US (10/028,510) 2001-12-20

[21] **2,469,214**  
[13] A1

[51] **Int.Cl. 7A61K 9/51**  
[25] EN  
[54] **IMPROVED POLYMER-LIPID DELIVERY VEHICLES**  
[54] **VECTEUR AMELIORE A BASE DE POLYMERE ET DE LIPIDE**  
[72] ALLEN, CHRISTINE, CA  
[72] YUAN, YUMIN, CA  
[72] TARDI, PAUL, CA  
[72] WEBB, MURRAY, CA  
[71] CELATOR TECHNOLOGIES INC., CA  
[85] 2004-06-03  
[86] 2002-12-23 (PCT/CA2002/002009)  
[87] 2003-07-10 (WO2003/055469)  
[30] CA (2,365,806) 2001-12-21  
[30] US (60/357,639) 2002-02-20  
[30] US (60/401,984) 2002-08-07

[21] **2,469,218**  
[13] A1

[51] **Int.Cl. 7A01N 57/20 7A01N 25/00**  
[25] EN  
[54] **HIGH-STRENGTH LOW-VISCOSITY AGRICULTURAL FORMULATIONS**  
[54] **PREPARATIONS AGRICOLES A HAUTE RESISTANCE ET A FAIBLE VISCOSITE**  
[72] TANK, HOLGER, US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2004-06-03  
[86] 2002-12-19 (PCT/US2002/040965)  
[87] 2003-07-24 (WO2003/059068)  
[30] US (60/342,675) 2001-12-21

[21] **2,469,219**  
[13] A1

[51] **Int.Cl. 7C25D 13/12**  
[25] EN  
[54] **A METHOD OF ELECTROCOATING OF SMALL PARTS WITH VARIOUS PAINTS**  
[54] **PROCEDE DE REVETEMENT PAR DEPOT ELECTROLYTIQUE DE PETITES PARTIES AU MOYEN DE DIFFERENTES PEINTURES**  
[72] ANDREAE, BRADLEY S., US  
[72] ANDREAE, BRADLEY M., US  
[72] KELLY, ROGER A., US  
[72] WISNIEWSKI, KARL M., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[71] SST SYSTEMS, INC., US  
[85] 2004-06-03  
[86] 2003-01-14 (PCT/US2003/000981)  
[87] 2003-07-24 (WO2003/060199)  
[30] US (10/053,246) 2002-01-15

## PCT Applications Entering the National Phase

[21] **2,469,220**  
[13] A1

[51] **Int.Cl. 7D01D 10/00**  
[25] EN  
[54] **YARN MAKING PROCESS AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE FIL**  
[72] DEBENEDICTIS, MACH A., US  
[71] ARTEVA TECHNOLOGIES S.A.R.L., CH  
[85] 2004-06-03  
[86] 2002-01-03 (PCT/US2002/000153)  
[87] 2003-07-24 (WO2003/060205)

[21] **2,469,251**  
[13] A1

[51] **Int.Cl. 7A62C 35/02 7F16K 17/04 7A62C 35/68**  
[25] EN  
[54] **VALVE ELEMENT**  
[54] **ELEMENT DE SOUPE**  
[72] SUNDHOLM, GOERAN, FI  
[72] METZGER, HARRY, FI  
[71] MARIOFF CORPORATION OY, FI  
[85] 2004-06-01  
[86] 2003-01-16 (PCT/FI2003/000028)  
[87] 2003-07-24 (WO2003/059453)  
[30] FI (20020089) 2002-01-17

[21] **2,469,270**  
[13] A1

[51] **Int.Cl. 7B65D 35/28**  
[25] EN  
[54] **PORTION CONTROL DISPENSER**  
[54] **DISTRIBUTEUR A COMMANDE DE DOSAGE**  
[72] FRIEDMAN, MITCHELL A., US  
[71] INTERNATIONAL DISPENSING CORPORATION, US  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/US2002/038966)  
[87] 2003-06-12 (WO2003/047990)  
[30] US (60/338,776) 2001-12-05

[21] **2,469,221**  
[13] A1

[51] **Int.Cl. 7A62C 35/02 7A62C 35/08**  
[25] EN  
[54] **VALVE ELEMENT**  
[54] **ELEMENT SOUPE**  
[72] SUNDHOLM, GOERAN, FI  
[72] METZGER, HARRY, FI  
[71] MARIOFF CORPORATION OY, FI  
[85] 2004-06-03  
[86] 2003-01-16 (PCT/FI2003/000029)  
[87] 2003-07-24 (WO2003/059454)  
[30] FI (20020090) 2002-01-17

[21] **2,469,268**  
[13] A1

[51] **Int.Cl. 7B65D 83/14 7B05B 11/00 7B65D 83/62**  
[25] FR  
[54] **DISPOSITIF A RECIPIENT RIGIDE ET POCHE MULTIPLES SOUPLES POUR LE CONDITIONNEMENT ET LA DISTRIBUTION DE FLUIDES.**  
[54] **DEVICE WITH RIGID CONTAINER AND MULTIPLE FLEXIBLE BAGS FOR PACKAGING AND DISPENSING FLUIDS**  
[72] TABERLET, JEAN-PHILIPPE, FR  
[72] PUVILAND, PATRICE, FR  
[72] ARGHYRIS, LAURENT, FR  
[71] LABLABO, FR  
[85] 2004-06-03  
[86] 2002-12-13 (PCT/FR2002/004358)  
[87] 2003-07-03 (WO2003/053814)  
[30] FR (01/16246) 2001-12-14

[21] **2,469,271**  
[13] A1

[51] **Int.Cl. 7C10G 2/00 7C07C 1/04**  
[25] EN  
[54] **METHOD OF PURIFYING A WATER-RICH STREAM PRODUCED DURING A FISCHER-TROPSCH REACTION**  
[54] **PROCEDE DE PURIFICATION D'UN COURANT RICHE EN EAU PRODUIT AU COURS D'UNE REACTION DE FISCHER-TROPSCH**  
[72] RUSSELL, RICHARD ALAN, US  
[72] ROELOFSE, ANDRIES JOHANNES, ZA  
[71] SASOL TECHNOLOGY (PTY) LTD., ZA  
[85] 2004-06-03  
[86] 2002-11-29 (PCT/ZA2002/000190)  
[87] 2003-06-12 (WO2003/048272)  
[30] US (60/339,814) 2001-12-06  
[30] ZA (2001/10041) 2001-12-06

[21] **2,469,223**  
[13] A1

[51] **Int.Cl. 7C07D 493/20 7A61P 35/00 7A61P 33/06 7A61K 31/357**  
[25] EN  
[54] **TRIOXANE DERIVATIVES AS ANTIMALARIA OR ANTICANCER COMPOUNDS**  
[54] **DERIVES DE TRIOXANE**  
[72] O'NEILL, PAUL MICHAEL, GB  
[72] HIGSON, ADRIAN PETER, GB  
[72] TAYLOR, SARA, GB  
[72] IRVING, EDWARD, GB  
[71] UFC LIMITED, GB  
[85] 2004-06-03  
[86] 2002-12-06 (PCT/GB2002/005530)  
[87] 2003-06-12 (WO2003/048168)  
[30] GB (0129214.3) 2001-12-06  
[30] GB (0217724.4) 2002-07-31

[21] **2,469,269**  
[13] A1

[51] **Int.Cl. 7C09K 11/06 7C07D 487/04 7H05B 33/14 7H01L 51/20**  
[25] EN  
[54] **FLUORESCENT COMPOSITIONS COMPRISING DIKETOPYRROLOPYRROLES**  
[54] **COMPOSITIONS FLUORESCENTES COMPRENANT DES DICETOPYRROLOPYRROLES**  
[72] DAN, NORIHISA, JP  
[72] YAMAMOTO, HIROSHI, JP  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2004-06-03  
[86] 2003-01-23 (PCT/EP2003/000650)  
[87] 2003-08-07 (WO2003/064558)  
[30] EP (02405067.6) 2002-02-01  
[30] EP (02405796.0) 2002-09-12

[21] **2,469,272**  
[13] A1

[51] **Int.Cl. 7H02K 7/18 7F03B 13/10**  
[25] EN  
[54] **DEVICE AND METHOD FOR PRODUCING ELECTRICAL ENERGY**  
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION D'ENERGIE ELECTRIQUE**  
[72] WINKLER, STEFAN, AT  
[72] HESS, GUENTHER, AT  
[72] GILLMEIER, FRIEDRICH, AT  
[72] HELL, JOHANN, AT  
[71] VA TECH HYDRO GMBH & CO, AT  
[85] 2004-05-31  
[86] 2002-11-21 (PCT/EP2002/013058)  
[87] 2003-06-12 (WO2003/049257)  
[30] AT (A1923/2001) 2001-12-07

## Demandes PCT entrant en phase nationale

[21] **2,469,273**  
[13] A1  
[51] **Int.Cl. 7C01G 25/00 7B01J 21/06 7B01D 53/94**  
[25] FR  
[54] **PROCEDE DE PREPARATION D'UN OXYDE A BASE DE ZIRCONIUM ET DE TITANE, OXYDES AINSI OBTENUS ET UTILISATION DE CES OXYDES COMME CATALYSEURS**  
[54] **METHOD OF PREPARING A TITANIUM- AND ZIRCONIUM-BASED OXIDE, THE OXIDES THUS OBTAINED AND THE USE OF SAME AS CATALYSTS**  
[72] HEDOUIN, CATHERINE, FR  
[71] RHODIA ELECTRONICS AND CATALYSIS, FR  
[85] 2004-06-03  
[86] 2002-12-11 (PCT/FR2002/004288)  
[87] 2003-06-19 (WO2003/050042)  
[30] FR (01/16039) 2001-12-12

[21] **2,469,275**  
[13] A1  
[51] **Int.Cl. 7C07D 471/06 7A61P 35/00 7C07D 498/06 7A61K 31/47**  
[25] EN  
[54] **1,8-ANNELATED QUINOLINE DERIVATIVES SUBSTITUTED WITH CARBON-LINKED TRIAZOLES AS FARNESYL TRANSFERASE INHIBITORS**  
[54] **UTILISATION DE DERIVES DE QUINOLINE 1,8-ANNELES SUBSTITUES AVEC DES TRIAZOLES LIES PAR LE CARBONE EN TANT QU'INHIBITEURS DE FARNESYL TRANSFERASE**  
[72] ANGIBAUD, PATRICK RENE, FR  
[72] VENET, MARC GASTON, FR  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2004-05-31  
[86] 2002-12-11 (PCT/EP2002/014089)  
[87] 2003-06-26 (WO2003/051880)  
[30] EP (01204989.6) 2001-12-19

[21] **2,469,277**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD, SOFTWARE APPLICATION AND SYSTEM FOR EXCHANGING BENCHMARK DATA**  
[54] **PROCEDE, APPLICATION LOGICIELLE ET SYSTEME D'ECHANGE DE DONNEES REPERES**  
[72] FLECKENSTEIN, THOMAS, DE  
[72] WEFERS, MARCUS, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2004-05-31  
[86] 2003-02-13 (PCT/EP2003/001421)  
[87] 2003-08-21 (WO2003/069518)  
[30] US (60/355,840) 2002-02-13

[21] **2,469,278**  
[13] A1  
[51] **Int.Cl. 7C07D 311/76 7C07D 405/04 7C07D 413/04 7C07D 405/06 7C07D 407/06 7C07D 413/06 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7C07D 409/14 7C07D 413/14 7A61P 25/18 7A61K 31/496 7C07D 307/87**  
[25] EN  
[54] **ISOCHROMAN COMPOUNDS FOR TREATMENT OF CNS DISORDERS**  
[54] **COMPOSES ISOCHROMAN POUR LE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX**  
[72] AGEJAS-CHICHARRO, JAVIER, ES  
[72] BUENO MELENDO, ANA BELEN, ES  
[72] TIMMS, GRAHAM HENRY, GB  
[72] WILLIAMS, ANDREW CAERWYN, GB  
[72] GILMORE, JEREMY, GB  
[72] LAMAS-PETEIRA, CARLOS, ES  
[72] CAMP, NICHOLAS PAUL, GB  
[71] ELI LILLY AND COMPANY, US  
[85] 2004-06-03  
[86] 2002-12-06 (PCT/US2002/036148)  
[87] 2003-07-03 (WO2003/053948)  
[30] GB (0130339.5) 2001-12-19

[21] **2,469,280**  
[13] A1  
[51] **Int.Cl. 7C08F 10/02 7C08F 10/00 7C08F 10/14 7C08F 4/60 7C08F 4/62 7C08F 4/68 7C08F 4/685 7C08F 4/69**  
[25] EN  
[54] **CATALYST COMPOSITION AND OLEFIN POLYMERIZATION USING SAME**  
[54] **COMPOSITION CATALYTIQUE ET POLYMERISATION D'OLEFINE AU MOYEN DE CETTE COMPOSITION**  
[72] MARCUCCI, ANGEL JOSE, US  
[72] SMALL, BROOKE L., US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2004-06-03  
[86] 2002-12-09 (PCT/US2002/039364)  
[87] 2003-07-03 (WO2003/054038)  
[30] US (10/013,144) 2001-12-10

[21] **2,469,282**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD, SOFTWARE APPLICATION AND SYSTEM FOR PROVIDING BENCHMARK DATA**  
[54] **PROCEDE, APPLICATION LOGICIELLE ET SYSTEME PERMETTANT DE FOURNIR DES DONNEES REPERES**  
[72] FLECKENSTEIN, THOMAS, DE  
[72] WEFERS, MARCUS, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2004-05-31  
[86] 2003-02-13 (PCT/EP2003/001423)  
[87] 2003-08-21 (WO2003/069519)  
[30] US (60/355,840) 2002-02-13

## PCT Applications Entering the National Phase

---

[21] **2,469,285**  
[13] A1  
[51] **Int.Cl. 7C08G 63/48 7C08J 3/00**  
**7C08L 37/00 7C08L 51/00 7C08K 5/04**  
**7C08K 5/09 7C08K 5/10 7C08K 3/26**  
**7C08K 3/34 7C08G 63/91**  
[25] EN  
[54] **PREVENTING DISCOLORATION**  
**IN AN ELASTOMER RUBBER**  
[54] **PREVENTION CONTRE LA**  
**DECOLORATION DANS UN**  
**CAOUTCHOUC ELASTOMERE**  
[72] CHOONOO, GRAHAM, CA  
[72] ELLIOTT, BRENDA, CA  
[72] FENG, YUDING, CA  
[72] GRAF, HANS-JOACHIM, CA  
[71] COOPER TECHNOLOGY SERVICES,  
LLC, US  
[85] 2004-06-03  
[86] 2002-12-06 (PCT/US2002/039438)  
[87] 2003-07-03 (WO2003/054054)  
[30] US (10/011,152) 2001-12-07

---

[21] **2,469,308**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD, SOFTWARE**  
**APPLICATION AND SYSTEM FOR**  
**INCORPORATING BENCHMARK**  
**DATA INTO A BUSINESS SOFTWARE**  
**APPLICATION**  
[54] **PROCEDE, APPLICATION**  
**LOGICIELLE ET SYSTEME POUR**  
**INCORPORER DES DONNEES DE**  
**BANC D'ESSAI DANS UNE**  
**APPLICATION LOGICIELLE DE**  
**GESTION**  
[72] WEFERS, MARCUS, DE  
[72] FLECKENSTEIN, THOMAS, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2004-05-31  
[86] 2003-02-13 (PCT/EP2003/001434)  
[87] 2003-08-21 (WO2003/069521)  
[30] US (60/355,840) 2002-02-13

---

[21] **2,469,322**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD, SOFTWARE**  
**APPLICATION AND SYSTEM FOR**  
**INCORPORATING BENCHMARKS**  
**INTO A BUSINESS SOFTWARE**  
**APPLICATION**  
[54] **PROCEDE, APPLICATION**  
**LOGICIELLE ET SYSTEME**  
**PERMETTANT D'INCORPORER DES**  
**REPERES DANS UNE APPLICATION**  
**LOGICIELLE DE GESTION**  
[72] FLECKENSTEIN, THOMAS, DE  
[72] WEFERS, MARCUS, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2004-05-31  
[86] 2003-02-13 (PCT/EP2003/001438)  
[87] 2003-08-21 (WO2003/069523)  
[30] US (60/355,840) 2002-02-13

---

[21] **2,469,297**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD, SOFTWARE**  
**APPLICATION AND SYSTEM FOR**  
**PROVIDING BENCHMARKS**  
[54] **PROCEDE, APPLICATION**  
**LOGICIELLE ET SYSTEME**  
**ASSURANT DES TESTS DE**  
**PERFORMANCE**  
[72] WEFERS, MARCUS, DE  
[72] FLECKENSTEIN, THOMAS, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2004-05-31  
[86] 2003-02-13 (PCT/EP2003/001433)  
[87] 2003-08-21 (WO2003/069520)  
[30] US (60/355,840) 2002-02-13

---

[21] **2,469,319**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD, SOFTWARE**  
**APPLICATION AND SYSTEM FOR**  
**EXCHANGING BENCHMARKS**  
[54] **PROCEDE, APPLICATION**  
**LOGICIELLE ET SYSTEME POUR**  
**ECHANGER DES BANCS D'ESSAI**  
[72] FLECKENSTEIN, THOMAS, DE  
[72] WEFERS, MARCUS, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2004-05-31  
[86] 2003-02-13 (PCT/EP2003/001436)  
[87] 2003-08-21 (WO2003/069522)  
[30] US (60/355,840) 2002-02-13

---

[21] **2,469,324**  
[13] A1  
[51] **Int.Cl. 7G06K 15/00 7G06K 15/10**  
**7G06F 3/12**  
[25] EN  
[54] **LOWERING THE CONSUMPTION**  
**OF INK IN COMPUTER PRINTING**  
[54] **DIMINUTION DE LA**  
**CONSOMMATION D'ENCRE POUR**  
**UNE IMPRESSION INFORMATIQUE**  
[72] HARRIS, ANTHONY WILLIAM, GB  
[72] LIM, JERRY, CA  
[72] BOUBY, BRUNO, CA  
[72] KAPLAN, PETER, US  
[71] STRYDENT SOFTWARE INC., CA  
[85] 2004-05-31  
[86] 2002-10-09 (PCT/GB2002/004591)  
[87] 2003-06-12 (WO2003/049021)  
[30] GB (0128981.8) 2001-12-04

## Demandes PCT entrant en phase nationale

[21] **2,469,328**  
[13] A1

[51] **Int.Cl. 7H04B 7/216**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DATA PACKET TRANSPORT IN HYBRID WIRELESS COMMUNICATION SYSTEM**  
[54] **SYSTEME ET PROCEDE DE TRANSPORT DE PAQUETS DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL HYBRIDE**  
[72] PAREKH, NILESHKUMAR J., US  
[72] JAIN, NIKHIL, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-06-03  
[86] 2002-12-10 (PCT/US2002/039687)  
[87] 2003-06-26 (WO2003/052970)  
[30] US (60/340,500) 2001-12-14  
[30] US (10/077,650) 2002-02-14

[21] **2,469,335**  
[13] A1

[51] **Int.Cl. 7C08J 3/03 7B22F 1/00 7B22F 1/02**  
[25] EN  
[54] **STABLE DISPERSIONS OF NANOPARTICLES IN AQUEOUS MEDIA**  
[54] **DISPERSIONS STABLES DE NANOPARTICULES DANS UN MILIEU AQUEUX**  
[72] BROTZMAN, RICHARD W., JR., US  
[72] MURRAY, PATRICK G., US  
[72] CLAYTON, ROGER H., US  
[71] NANOPHASE TECHNOLOGIES CORPORATION, US  
[85] 2004-06-03  
[86] 2003-02-04 (PCT/US2003/003188)  
[87] 2003-12-31 (WO2004/000916)  
[30] US (60/354,184) 2002-02-04

[21] **2,469,338**  
[13] A1

[51] **Int.Cl. 7A61K 9/14**  
[25] EN  
[54] **DIPHENHYDRAMINE TANNATE LIQUID AND SEMI-SOLID COMPOSITIONS AND METHODS OF USE**  
[54] **COMPOSITIONS LIQUIDES ET SEMI SOLIDES A BASE DE TANNATE DE DIPHENHYDRAMINE ET METHODES D'UTILISATION**  
[72] KIEL, JEFFREY S., US  
[72] THOMAS, GREG H., US  
[72] MANI, NARASIMHAN, US  
[71] KIEL LABORATORIES, INC., US  
[85] 2004-06-03  
[86] 2003-02-26 (PCT/US2003/005665)  
[87] 2003-10-23 (WO2003/086357)  
[30] US (10/119,285) 2002-04-09

[21] **2,469,334**  
[13] A1

[51] **Int.Cl. 7A61K 35/74 7A61P 35/00 7A61P 37/00 7A61K 39/04 7A61P 31/06**  
[25] EN  
[54] **GRAM POSITIVE BACTERIA PREPARATIONS FOR THE TREATMENT OF DISEASES COMPRISING AN IMMUNE DYSREGULATION**  
[54] **PREPARATIONS A BASE DE BACTERIES GRAM POSITIF DESTINEES AU TRAITEMENT DE MALADIES PRESENTANT UN DYSFONCTIONNEMENT IMMUNITAIRE**  
[72] MARCHAL, GILLES, FR  
[72] VARGAFTIG, BERNARDO BORIS, FR  
[72] LEFORT, JEAN, FR  
[72] HEKIMIAN, GEORGES, FR  
[72] ROMAIN, FELIX, FR  
[72] NAHORI, MARIE-ANNE, FR  
[72] LAGRANDEURIE, MICHELINE, FR  
[72] PELTRE, PHILIPPE, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR  
[71] INSTITUT PASTEUR, FR  
[85] 2004-06-03  
[86] 2002-12-11 (PCT/IB2002/005760)  
[87] 2003-06-19 (WO2003/049752)  
[30] EP (01403195.9) 2001-12-11

[21] **2,469,336**  
[13] A1

[51] **Int.Cl. 7A61K 47/48**  
[25] EN  
[54] **GUANIDINIUM TRANSPORT REAGENTS AND CONJUGATES**  
[54] **REACTIFS POUR LE TRANSPORT DE GUANIDINIUM ET CONJUGUES ASSOCIES**  
[72] PATTABIRAMAN, KANAKA, US  
[72] PELKEY, ERIN T., US  
[72] ROTHBARD, JONATHAN B., US  
[72] WENDER, PAUL A., US  
[72] JESSOP, THEODORE C., US  
[71] CELLGATE, INC., US  
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US  
[85] 2004-06-03  
[86] 2002-12-11 (PCT/US2002/039698)  
[87] 2003-06-19 (WO2003/049772)  
[30] US (60/339,696) 2001-12-11

[21] **2,469,340**  
[13] A1

[51] **Int.Cl. 7A61K 31/32 7A61K 31/16 7A61K 31/165**  
[25] EN  
[54] **TREATING MUSCLE WASTING WITH SELECTIVE ANDROGEN RECEPTOR MODULATORS**  
[54] **TRAITEMENT DE L'AMYOTROPHIE A L'AIDE DE MODULATEURS SELECTIFS DU RECEPTEUR D'ANDROGENE**  
[72] DALTON, JAMES T., US  
[72] STEINER, MITCHELL S., US  
[72] MILLER, DUANE D., US  
[72] VEVERKA, KAREN A., US  
[71] GTX INC., US  
[85] 2004-06-03  
[86] 2002-12-05 (PCT/US2002/036147)  
[87] 2003-06-19 (WO2003/049675)  
[30] US (60/336,185) 2001-12-06

[21] **2,469,341**  
[13] A1

[51] **Int.Cl. 7H01J 23/033**  
[25] EN  
[54] **ELECTRON COLLECTOR**  
[54] **COLLECTEUR D'ELECTRONS**  
[72] AITKEN, STEVEN, GB  
[71] E2V TECHNOLOGIES LIMITED, GB  
[85] 2004-05-31  
[86] 2002-12-04 (PCT/GB2002/005459)  
[87] 2003-06-12 (WO2003/049133)  
[30] GB (0128922.2) 2001-12-04

## PCT Applications Entering the National Phase

[21] **2,469,347**  
[13] A1

[51] **Int.Cl. 7A61M 11/06**  
[25] EN  
[54] **MEDICAL DEVICE AND METHOD FOR INHALATION OF AEROSOLIZED DRUG WITH HELIOX**  
[54] **DISPOSITIF MEDICAL ET METHODE PERMETTANT L'INHALATION D'UN MEDICAMENT EN AEROSOL AVEC DE L'HELIOX**  
[72] PING, JEFFREY H., US  
[72] WARNER, W. RANDOLPH, US  
[72] HALL, JESSE B., US  
[72] MORGAN, SHERWIN E., US  
[72] KRESS, JOHN P., US  
[71] NUPHARMX, LLC, US  
[85] 2004-06-03  
[86] 2002-12-04 (PCT/US2002/038492)  
[87] 2003-06-19 (WO2003/049791)  
[30] US (60/337,609) 2001-12-05

[21] **2,469,352**  
[13] A1

[51] **Int.Cl. 7B01D 33/03 7B07B 1/46**  
[25] EN  
[54] **A SCREEN ASSEMBLY FOR A VIBRATORY SEPARATOR**  
[54] **ENSEMBLE CRIBLE POUR SEPARATEUR VIBRANT**  
[72] SCHULTE, DAVID LEE JR., US  
[72] MCCLUNG, GUY LAMONT III, US  
[71] VARCO I/P, INC., US  
[85] 2004-05-31  
[86] 2002-12-03 (PCT/GB2002/005479)  
[87] 2003-07-10 (WO2003/055569)  
[30] US (10/036,742) 2001-12-21

[21] **2,469,359**  
[13] A1

[51] **Int.Cl. 7B03D 1/012 7C22B 15/00 7B03D 1/01 7B03D 1/018 7C22B 19/02**  
[25] EN  
[54] **SELECTIVE FLOTATION AGENT AND FLOTATION METHOD**  
[54] **AGENT DE FLOTTAISON SELECTIF ET PROCEDE DE FLOTTAISON**  
[72] RAJIC, VLADIMIR, YU  
[72] PETKOVIC, ZORAN, YU  
[71] RAJIC, VLADIMIR, YU  
[71] PETKOVIC, ZORAN, YU  
[85] 2004-06-03  
[86] 2002-12-12 (PCT/YU2002/000027)  
[87] 2003-06-19 (WO2003/049867)  
[30] YU (P-879/01) 2001-12-12

[21] **2,469,364**  
[13] A1

[51] **Int.Cl. 7A61B 19/00 7A01N 1/02**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR PREPARING BLOOD PRODUCTS**  
[54] **PROCEDE ET SYSTEMES DE PREPARATION DE PRODUITS SANGUINS**  
[72] LO, YING-CHENG, US  
[72] BISCHOF, DANIEL F., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2004-06-03  
[86] 2002-11-22 (PCT/US2002/037554)  
[87] 2003-06-19 (WO2003/049634)  
[30] US (10/004,696) 2001-12-05

[21] **2,469,366**  
[13] A1

[51] **Int.Cl. 7B05C 5/00 7G03C 1/74**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CURTAIN COATING**  
[54] **PROCEDE ET APPAREIL DE COUCHAGE PAR VOILE**  
[72] GUEGGI, MARKUS, CH  
[71] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 2004-06-03  
[86] 2002-12-12 (PCT/US2002/039995)  
[87] 2003-06-19 (WO2003/049871)  
[30] US (60/340,699) 2001-12-13

[21] **2,469,382**  
[13] A1

[51] **Int.Cl. 7B09B 3/00 7B03B 9/06 7C10L 5/46**  
[25] EN  
[54] **METHOD FOR PROCESSING WASTE PRODUCTS AND CORRESPONDING PROCESSING PLANT**  
[54] **PROCEDE PERMETTANT DE TRAITER DES DECHETS ET INSTALLATION DE TRAITEMENT**  
[72] WIDMER, CHRISTIAN, CH  
[72] HARTMANN, RUDOLF, CH  
[71] ISKA GMBH, DE  
[85] 2004-03-01  
[86] 2002-09-03 (PCT/EP2002/009855)  
[87] 2003-03-13 (WO2003/020450)  
[30] DE (101 42 906.1) 2001-09-03

[21] **2,469,458**  
[13] A1

[51] **Int.Cl. 7C12Q 1/37 7G01N 33/86**  
[25] EN  
[54] **LOW MOLECULAR WEIGHT HEPARIN ASSAY, SYSTEM AND REAGENT THEREFOR**  
[54] **DOSAGE D'HEPARINE DE FAIBLE POIDS MOLECULAIRE, SYSTEME ET REACTIF ASSOCIES**  
[72] MIZE, PATRICK D., US  
[71] CARDIOVASCULAR DIAGNOSTIC, INC., US  
[85] 2004-06-02  
[86] 2002-12-09 (PCT/US2002/039308)  
[87] 2003-06-19 (WO2003/050298)  
[30] US (10/004,791) 2001-12-07

[21] **2,469,466**  
[13] A1

[51] **Int.Cl. 7G10L 21/00**  
[25] EN  
[54] **TECHNIQUE FOR EFFECTIVE MANAGEMENT OF INFORMATION AND COMMUNICATIONS USING A MOBILE DEVICE**  
[54] **TECHNIQUE DE GESTION EFFICACE DES INFORMATIONS ET DES COMMUNICATIONS AU MOYEN D'UN DISPOSITIF MOBILE**  
[72] LJUBICICH, PHILIP A., US  
[72] KUMAR, PANKAJ, US  
[71] METRO ONE TELECOMMUNICATIONS, INC., US  
[85] 2004-06-02  
[86] 2002-12-10 (PCT/US2002/039488)  
[87] 2003-06-26 (WO2003/052745)  
[30] US (10/017,030) 2001-12-14

[21] **2,469,470**  
[13] A1

[51] **Int.Cl. 7B05C 5/00 7B05C 5/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CURTAIN COATING**  
[54] **PROCEDE ET DISPOSITIF D'ENDUCTION AU RIDEAU**  
[72] GUEGGI, MARKUS, CH  
[72] VARLI, SEDAT, CH  
[71] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 2004-06-02  
[86] 2002-12-12 (PCT/US2002/039994)  
[87] 2003-06-19 (WO2003/049870)  
[30] US (60/340,546) 2001-12-13

## Demandes PCT entrant en phase nationale

[21] **2,469,472**  
[13] A1

[51] **Int.Cl. 7C12N 5/02 7A01N 63/00**  
[25] EN  
[54] **ENDOTHELIAL STEM CELLS, POPULATIONS, METHODS OF ISOLATION AND USE THEREOF**  
[54] **CELLULES SOUCHES ENDOTHELIALES, POPULATIONS, PROCEDES D'ISOLEMENT ET D'UTILISATION ASSOCIES**  
[72] ROUSSEAU, ANNE-MARIE C., US  
[72] DANIEL, THOMAS O., US  
[72] FANSLAW, WILLIAM C., III, US  
[71] IMMUNEX CORPORATION, US  
[85] 2004-06-02  
[86] 2002-12-20 (PCT/US2002/041161)  
[87] 2003-07-24 (WO2003/060077)  
[30] US (60/343,498) 2001-12-21

[21] **2,469,475**  
[13] A1

[51] **Int.Cl. 7H01L 21/00**  
[25] EN  
[54] **TRANSFER MEMBER WITH ELECTRIC CONDUCTIVITY AND ITS MANUFACTURING METHOD**  
[54] **ELEMENT DE TRANSFERT A CONDUCTIVITE ELECTRIQUE ET SON PROCEDE DE FABRICATION**  
[72] MILLER, CHRIS L., US  
[72] SAKAI, SHUJI, JP  
[72] YAMAMOTO, SHINJI, JP  
[72] AOYAGI, KENICHI, JP  
[72] UCHIDA, DAISUKE, JP  
[72] KOBAYASHI, TAKASHI, JP  
[71] ISHIHARA CHEMICAL COMPANY, LTD., JP  
[71] NIPPON OIL CORPORATION, JP  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-06-02  
[86] 2002-12-02 (PCT/US2002/041653)  
[87] 2003-06-12 (WO2003/049157)  
[30] US (60/334,587) 2001-12-03

[21] **2,469,477**  
[13] A1

[51] **Int.Cl. 7C12N 5/00**  
[25] EN  
[54] **PHENOTYPIC SCREEN OF CHIMERIC PROTEINS**  
[54] **BALAYAGE PHENOTYPIQUE DE PROTEINES CHIMERIQUES**  
[72] LEE, HORIM, KR  
[72] SEOL, WONGI, KR  
[72] LEE, SEONG-IL, KR  
[72] KIM, JIN-SOO, KR  
[72] YANG, HYO-YOUNG, KR  
[72] PARK, KYUNG-SOON, KR  
[72] JANG, YOUNG-SOON, KR  
[72] LEE, DONG-KI, KR  
[72] LEE, YANGSOON, KR  
[71] TOOLGEN, INC., KR  
[85] 2004-06-06  
[86] 2002-12-07 (PCT/KR2002/002309)  
[87] 2003-06-12 (WO2003/048345)  
[30] US (60/338,441) 2001-12-07  
[30] US (60/376,053) 2002-04-26  
[30] US (60/400,904) 2002-08-02  
[30] US (60/401,089) 2002-08-05

[21] **2,469,478**  
[13] A1

[51] **Int.Cl. 7C08L 53/00 7B32B 27/00 7C08L 33/00 7C08L 53/02**  
[25] EN  
[54] **SUPERABSORBENT THERMOPLASTIC COMPOSITION AND ARTICLE INCLUDING SAME**  
[54] **COMPOSITION THERMOPLASTIQUE SUPERABSORBANTE ET ARTICLE COMPRENANT LADITE COMPOSITION**  
[72] ZOROMSKI, PAULA, US  
[72] SIMMONS, EUGENE R., US  
[72] MEHAWAJ, FOUAD D., US  
[71] H.B. FULLER LICENSING & FINANCING, INC., US  
[85] 2004-06-02  
[86] 2003-01-14 (PCT/US2003/002055)  
[87] 2003-07-24 (WO2003/060008)  
[30] US (10/050,375) 2002-01-15

[21] **2,469,479**  
[13] A1

[51] **Int.Cl. 7G02B 5/08 7G02B 1/10 7C03C 17/36**  
[25] EN  
[54] **MIRROR WITH DLC COAGTING ON THE FRONT SURFACE**  
[54] **MIROIR DE SURFACE A REVETEMENT CDA**  
[72] THOMSEN, SCOTT V., US  
[72] ANDREASEN, MICHAEL, US  
[71] GUARDIAN INDUSTRIES CORP., US  
[85] 2004-06-02  
[86] 2003-03-19 (PCT/US2003/008250)  
[87] 2003-10-02 (WO2003/081297)  
[30] US (10/105,805) 2002-03-21

[21] **2,469,487**  
[13] A1

[51] **Int.Cl. 7C07K 14/16 7A61K 39/21 7A61K 39/39 7C12N 15/49 7C12N 15/85**  
[25] EN  
[54] **MUTATED HIV TAT**  
[54] **PROTEINE TAT DE VIH MUTEE**  
[72] KLEIN, MICHEL, CA  
[72] ZAGURY, JEAN-FRANCOIS, FR  
[72] RAPPAPORT, JAY, US  
[71] AVENTIS PASTEUR, FR  
[85] 2004-06-07  
[86] 2002-12-04 (PCT/EP2002/014841)  
[87] 2003-07-03 (WO2003/054006)  
[30] US (60/339,607) 2001-12-11

[21] **2,469,511**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR RAPIDLY PROJECTING AND FORECASTING PHARMACEUTICAL MARKET INFORMATION**  
[54] **PROCEDE ET SYSTEME DE PROJECTION ET DE PREVISION RAPIDES DE DONNEES DE MARCHE PHARMACEUTIQUE**  
[72] PAUL, PAUL CHARLES, GB  
[71] IMS HEALTH INCORPORATED, US  
[85] 2004-06-01  
[86] 2002-12-23 (PCT/US2002/041068)  
[87] 2003-07-24 (WO2003/060642)  
[30] US (60/347,417) 2002-01-11

## PCT Applications Entering the National Phase

[21] **2,469,520**  
[13] A1

[51] **Int.Cl. 7B23K 26/38 7H05K 3/00 7B23K 26/08 7G05B 19/39**  
[25] EN  
[54] **METHOD FOR LASER MACHINING A WORKPIECE WITH LASER SPOT ENLARGEMENT**  
[54] **PROCEDE D'USINAGE LASER D'UNE PIECE PAR AGRANDISSEMENT DE POINT LASER**  
[72] CUTLER, DONALD R., US  
[71] ELECTRO SCIENTIFIC INDUSTRIES, INC., US  
[85] 2004-06-01  
[86] 2003-01-10 (PCT/US2003/000686)  
[87] 2003-07-24 (WO2003/059568)  
[30] US (60/348,613) 2002-01-11

[21] **2,469,578**  
[13] A1

[51] **Int.Cl. 7E21C 41/16**  
[25] EN  
[54] **MINING METHOD FOR STEEPLY DIPPING ORE BODIES**  
[54] **PROCEDE D'EXPLOITATION DE GISEMENTS DE MINERAI A FORT PENDAGE**  
[72] PRUNIANU, PAUL RADU, CA  
[72] YOUNG, DONALD DUNCAN, CA  
[72] ANWYLL, EDWARD WILLIAM DREW, CA  
[72] JACKSON, ERIC, CA  
[72] DELABBIO, FREDRIC CHRISTOPHER, CA  
[72] HAMES, MARILYN PATRICA ANN, CA  
[72] DIMOCK, TIMOTHY B., CA  
[72] ROBINSON, ALLEN CLIFFORD, CA  
[71] PLACER DOME TECHNICAL SERVICES LIMITED, CA  
[85] 2004-06-08  
[86] 2002-12-10 (PCT/US2002/039594)  
[87] 2003-06-19 (WO2003/050391)  
[30] US (60/339,454) 2001-12-10  
[30] US (60/418,716) 2002-10-15  
[30] US (10/309,237) 2002-12-04

[21] **2,469,599**  
[13] A1

[51] **Int.Cl. 7C12N 15/34 7A61K 48/00 7C07K 14/01 7C12N 7/01 7A61K 39/12 7A61P 31/12 7A61K 38/16 7A61K 31/7088 7A61K 35/76**  
[25] EN  
[54] **CHIMERIC INFECTIOUS DNA CLONES, CHIMERIC PORCINE CIRCOVIRUSES AND USES THEREOF**  
[54] **CLONES D'ADN INFECTIEUX CHIMERES, CIRCOVIRUS PORCINS CHIMERES ET UTILISATION DE CEUX-CI**  
[72] FENAUX, MARTIJN, US  
[72] MENG, XIANG-JIN, US  
[72] HALBUR, PATRICK G., US  
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US

[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US  
[85] 2004-06-11  
[86] 2002-12-11 (PCT/US2002/039646)  
[87] 2003-06-19 (WO2003/049703)  
[30] US (60/340,775) 2001-12-12  
[30] US (60/424,840) 2002-11-08  
[30] US (10/314,512) 2002-12-09

[21] **2,469,607**  
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61K 38/00 7C12Q 1/37 7G01N 33/50 7G01N 33/68**  
[25] EN  
[54] **USE OF PROTEASE-ACTIVATED RECEPTOR-2 INHIBITOR IN THE MANUFACTURE OF A MEDICAMENT FOR TREATING DELAYED HYPERSENSITIVITY**  
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A LA PREVENTION OU AU TRAITEMENT DE L'HYPERSENSIBILITE RETARDEE**  
[72] SAITO, NAOHIRO, JP  
[72] TAMIYA, MASAKI, JP  
[72] TAKIZAWA, TOSHIAKI, JP  
[72] MATSUMOTO, JIRO, JP  
[72] KANKE, TORU, JP  
[72] LOCKHART, JOHN C., GB  
[72] WADA, YASUSHI, JP  
[72] FERRELL, WILLIAM R., GB  
[72] KAWAGOE, JUNICHI, JP  
[71] KOWA COMPANY, LTD., JP  
[85] 2004-06-11  
[86] 2002-12-13 (PCT/GB2002/005658)  
[87] 2003-06-19 (WO2003/049723)  
[30] GB (0129848.8) 2001-12-13  
[30] GB (0131103.4) 2001-12-31

[21] **2,469,611**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61K 35/32 7A61L 27/38**  
[25] FR  
[54] **CONSTRUITS CELLULAIRES CULTIVES IN VITRO, PREPARATION ET UTILISATIONS**  
[54] **CELL CONSTRUCTS CULTURED IN VITRO, PREPARATION AND USES**  
[72] BLACK, ANNIE, FR  
[72] ROMETTE, JEAN-LOUIS, FR  
[71] NATURAL IMPLANT, FR  
[85] 2004-06-07  
[86] 2002-12-13 (PCT/FR2002/004360)  
[87] 2003-06-26 (WO2003/052084)  
[30] FR (FR 01 16265) 2001-12-14

[21] **2,469,644**  
[13] A1

[51] **Int.Cl. 7C12N 7/02 7C12N 5/00**  
[25] EN  
[54] **METHOD FOR LARGE SCALE PRODUCTION OF VIRUS ANTIGEN**  
[54] **PROCEDE AMELIORE DE PRODUCTION EN SERIE D'ANTIGENE VIRAL**  
[72] REITER, MANFRED, AT  
[72] MUNDT, WOLFGANG, AT  
[71] BAXTER HEALTHCARE S.A., CH  
[85] 2004-06-07  
[86] 2002-12-10 (PCT/EP2002/014011)  
[87] 2003-07-03 (WO2003/054174)  
[30] US (10/006,881) 2001-12-10

[21] **2,469,658**  
[13] A1

[51] **Int.Cl. 7A61K 48/00 7C12N 15/864**  
[25] EN  
[54] **ADENO-ASSOCIATED VIRUS-MEDIATED DELIVERY OF GDNF TO SKELETAL MUSCLES**  
[54] **ADMINISTRATION DE GDNF INDUITE PAR LE VIRUS ADENO-ASSOCIE DANS DES MUSCLES DU SQUELETTE**  
[72] WANG, LIJUN, US  
[72] MURAMATSU, SHIN-ICHI, JP  
[72] OZAWA, KEIYA, JP  
[72] MIZUKAMI, HIROAKI, JP  
[72] NAKANO, IMAHARU, JP  
[71] WANG, LIJUN, US  
[71] MURAMATSU, SHIN-ICHI, JP  
[71] OZAWA, KEIYA, JP  
[71] MIZUKAMI, HIROAKI, JP  
[71] NAKANO, IMAHARU, JP  
[85] 2004-06-07  
[86] 2002-12-19 (PCT/US2002/041010)  
[87] 2003-07-03 (WO2003/053476)  
[30] US (60/342,304) 2001-12-19

## Demandes PCT entrant en phase nationale

[21] **2,469,671**  
[13] A1

[51] **Int.Cl. 7A61K 39/07 7C07K 14/32**  
[25] EN  
[54] **A PROCESS FOR THE PREPARATION OF A NON-TOXIC ANTHRAX VACCINE**  
[54] **PROCEDE DE PREPARATION D'UN VACCIN NON TOXIQUE CONTRE L'ANTHRAX**  
[72] KUMAR, PRAVEEN, IN  
[72] AHUJA, NIDHI, IN  
[72] BATRA, SMRITI, IN  
[72] CHAUHAN, VIBHA, IN  
[72] GUPTA, PANKAJ, IN  
[72] SINGH, APARNA, IN  
[72] BHATNAGAR, RAKESH, IN  
[71] BHATNAGAR, RAKESH, IN  
[85] 2004-06-07  
[86] 2002-03-20 (PCT/IN2002/000048)  
[87] 2003-06-12 (WO2003/048390)  
[30] IN (1222/DEL/2001) 2001-12-05

[21] **2,469,679**  
[13] A1

[51] **Int.Cl. 7C12Q 1/48 7A61K 48/00 7C12Q 1/00 7C12Q 1/02 7A01K 67/027 7A61P 7/06 7A61K 38/45 7G01N 33/573 7A61K 31/7088**  
[25] EN  
[54] **HEME-REGULATED EUKARYOTIC INITIATION FACTOR 2 ALPHA KINASE KNOCKOUT MICE AND METHODS FOR USE**  
[54] **SOURIS PRESENTANT UNE CARENCE EN KINASE DE FACTEUR D'INITIATION EUCARYOTE 2 ALPHA, REGULE PAR L'HEME**  
[72] CHEN, JANE-JANE, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2004-06-07  
[86] 2002-12-06 (PCT/US2002/039108)  
[87] 2003-06-19 (WO2003/050252)  
[30] US (60/339,360) 2001-12-07

[21] **2,469,719**  
[13] A1

[51] **Int.Cl. 7C09K 7/00 7B32B 15/02 7C09K 7/02**  
[25] EN  
[54] **COMPOSITION FOR USE IN SEALING A POROUS SUBTERRANEAN FORMATION, AND METHODS OF MAKING AND USING**  
[54] **COMPOSITION DESTINEE A ETANCHEIFIER UNE FORMATION SOUTERRAINE POREUSE, PROCEDES DE FABRICATION ET UTILISATION ASSOCIES**  
[72] STICHMAN, ROBERT W., US  
[72] PAREKH, SHOBHA B., US  
[72] KRAUSE, STEWART W., US  
[72] MYERS, KENT R., US  
[72] BROWN, RICHARD K., US  
[71] WYO-BEN, INC., US  
[85] 2004-06-02  
[86] 2002-12-03 (PCT/US2002/038478)  
[87] 2003-06-12 (WO2003/048526)  
[30] US (60/334,595) 2001-12-03

[21] **2,469,740**  
[13] A1

[51] **Int.Cl. 7C12M 3/00 7A61F 2/44**  
[25] FR  
[54] **DISPOSITIF DE PRELEVEMENT CELLULAIRE OU TISSULAIRE EN PHASE ACTIVE ET UTILISATIONS**  
[54] **DEVICE FOR ACTIVE PHASE CELL OR TISSUE SAMPLING AND USES THEREOF**  
[72] GAULT, PHILIPPE, FR  
[71] NATURAL IMPLANT, FR  
[85] 2004-06-08  
[86] 2002-12-17 (PCT/FR2002/004410)  
[87] 2003-06-26 (WO2003/052047)  
[30] FR (01/16456) 2001-12-19

[21] **2,469,800**  
[13] A1

[51] **Int.Cl. 7C12N 5/00 7C12N 5/02**  
[25] EN  
[54] **METHODS FOR THE INDUCTION OF PROFESSIONAL AND CYTOKINE-PRODUCING REGULATORY CELLS**  
[54] **PROCEDES D'INDUCTION DE LYMPHOCYTES T REGULATEURS PROFESSIONNELS ET DES LYMPHOCYTES T PRODUISANT DES CYTOKINES**  
[72] HORWITZ, DAVID A., US  
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[85] 2004-06-09  
[86] 2002-12-20 (PCT/US2002/041288)  
[87] 2003-07-24 (WO2003/059264)  
[30] US (60/342,655) 2001-12-21  
[30] US (60/374,102) 2002-04-19

[21] **2,469,815**  
[13] A1

[51] **Int.Cl. 7C07K 19/00 7C07K 1/14 7C07K 1/16 7C07K 16/18 7C07K 1/22 7G01N 33/53 7C07K 14/715**  
[25] EN  
[54] **METHODS FOR PURIFYING PROTEIN**  
[54] **METHODES DE PURIFICATION D'UNE PROTEINE**  
[72] BROOKS, CLAYTON A., III, US  
[72] REEDER, JOANNE M., US  
[72] GOETZE, ANDREW M., US  
[72] VEDANTHAM, GANESH, US  
[71] IMMUNEX CORPORATION, US  
[85] 2004-06-09  
[86] 2002-12-20 (PCT/US2002/041159)  
[87] 2003-07-24 (WO2003/059935)  
[30] US (60/343,363) 2001-12-21  
[30] US (60/347,189) 2002-01-08  
[30] US (60/364,272) 2002-03-12

[21] **2,469,981**  
[13] A1

[51] **Int.Cl. 7C07K 1/113**  
[25] EN  
[54] **METHOD FOR RENATURATING PROTEINS**  
[54] **PROCEDE DE RENATURATION DE PROTEINES**  
[72] RUDOLPH, RAINER, DE  
[72] LILIE, HAUKE, DE  
[72] RAUE, UTA, DE  
[71] SCIL PROTEINS GMBH, DE  
[85] 2004-06-11  
[86] 2002-12-04 (PCT/EP2002/013732)  
[87] 2003-06-26 (WO2003/051908)  
[30] DE (101 61 577.9) 2001-12-14

## PCT Applications Entering the National Phase

[21] **2,469,984**  
[13] A1

[51] **Int.Cl. 7C07K 14/535 7A61K 38/19 7C07K 1/22**  
[25] EN  
[54] **PROCESS FOR THE PURIFICATION AND/OR ISOLATION OF BIOLOGICALLY ACTIVE GRANULOCYTE COLONY STIMULATING FACTOR**  
[54] **PROCEDE DE PURIFICATION ET/OU D'ISOLATION DE FACTEUR BIOLOGIQUÉMENT ACTIF DE STIMULATION DES COLONIES DE GRANULOCYTES**  
[72] GABERC POREKAR, VLADKA, SI  
[72] MENART, VIKTOR, SI  
[71] LEK PHARMACEUTICAL AND CHEMICAL COMPANY D.D., SI  
[85] 2004-06-11  
[86] 2002-12-05 (PCT/EP2002/013810)  
[87] 2003-06-26 (WO2003/051922)  
[30] SI (P-200100322) 2001-12-19

[21] **2,470,026**  
[13] A1

[51] **Int.Cl. 7C12N 5/10 7C07K 14/00 7C07K 16/00 7C12N 5/00 7C12P 21/02 7C12Q 1/02 7G06F 17/60 7C12N 15/87**  
[25] EN  
[54] **CLONAL MYELOMA CELL LINES USEFUL FOR MANUFACTURING PROTEINS IN CHEMICALLY DEFINED MEDIA**  
[54] **LIGNEES DE CELLULES CLONALES DE MYELOMES UTILISABLES POUR LA PRODUCTION DE PROTEINES DANS UN MILIEU DEFINI CHIMIQUEMENT**  
[72] LY, CELIA, US  
[72] SAVINO, EDWARD, US  
[72] MOORE, GORDON, US  
[72] LEE, CHICHANG, US  
[71] CENTOCOR INC., US  
[85] 2004-06-11  
[86] 2002-12-11 (PCT/US2002/039496)  
[87] 2003-06-26 (WO2003/052064)  
[30] US (60/339,429) 2001-12-14

[21] **2,470,033**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7C12P 19/34 7C12Q 1/68 7C12N 15/90**  
[25] EN  
[54] **INTRACELLULAR GENERATION OF SINGLE-STRANDED DNA**  
[54] **GENERATION INTRACELLULAIRE D'UN ADN MONOCATENAIRE**  
[72] GLAZER, PETER M., US  
[71] YALE UNIVERSITY, US  
[85] 2004-06-11  
[86] 2002-12-13 (PCT/US2002/040024)  
[87] 2003-06-26 (WO2003/052071)  
[30] US (60/340,803) 2001-12-14

[21] **2,470,063**  
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61K 38/00 7A61P 9/00 7A61P 11/00 7A61P 43/00 7A61P 13/12 7A61P 1/16**  
[25] EN  
[54] **DRUG FOR REGENERATING TISSUE AND VESSEL AND METHOD THEREFOR**  
[54] **MEDICAMENT POUR REGENERER LES TISSUS ET LES VAISSEAUX ET PROCEDE PERMETTANT DE LE PRODUIRE**  
[72] YAMASAKI, YOSHIKI, JP  
[72] ORITA, TAKUYA, JP  
[72] HIGUCHI, TOSHIO, JP  
[72] NAKAMURA, MOTONAO, JP  
[71] JAPAN TOBACCO INC., JP  
[85] 2004-06-11  
[86] 2002-12-12 (PCT/JP2002/013014)  
[87] 2003-07-03 (WO2003/053467)  
[30] JP (2001-380158) 2001-12-13  
[30] JP (2002-352924) 2002-12-04

[21] **2,470,083**  
[13] A1

[51] **Int.Cl. 7G01N 33/68 7C07K 17/00**  
[25] EN  
[54] **METHODS FOR PROTEIN ANALYSIS USING PROTEIN CAPTURE ARRAYS**  
[54] **METHODES D'ANALYSE DE PROTEINES**  
[72] GUT, IVO GLYNNE, FR  
[71] CONSORTIUM NATIONAL DE RECHERCHE EN GENOMIQUE (CNRG), FR  
[85] 2004-06-11  
[86] 2002-12-12 (PCT/IB2002/005769)  
[87] 2003-06-19 (WO2003/050544)  
[30] EP (01403216.3) 2001-12-12

[21] **2,470,104**  
[13] A1

[51] **Int.Cl. 7A61K 31/522 7A61K 39/12**  
[25] EN  
[54] **METHODS FOR USING EXTRACELLULAR ADENOSINE INHIBITORS AND ADENOSINE RECEPTOR INHIBITORS TO ENHANCE IMMUNE RESPONSE AND INFLAMMATION**  
[54] **PROCEDES D'UTILISATION D'INHIBITEURS DE L'ADENOSINE EXTRACELLULAIRE ET D'INHIBITEURS DE RECEPTEUR DE L'ADENOSINE AUX FINS D'AMELIORATION DE REPONSE IMMUNE ET D'INFLAMMATION**  
[72] OHTA, AKIO, US  
[72] SITKOVSKY, MICHAIL V., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC RETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2004-06-11  
[86] 2002-11-14 (PCT/US2002/036829)  
[87] 2003-06-19 (WO2003/050241)  
[30] US (60/340,772) 2001-12-12  
[30] US (60/342,585) 2001-12-19

[21] **2,470,108**  
[13] A1

[51] **Int.Cl. 7C12Q 1/25**  
[25] EN  
[54] **METHOD FOR DETERMINING THE ACTIVITY OF ORNITHINE DECARBOXYLASE AND FOR IDENTIFYING EFFECTORS OF ORNITHINE DECARBOXYLASE ACTIVITY**  
[54] **PROCEDE DE DETERMINATION DE L'ACTIVITE D'ORNITHINE DECARBOXYLASE ET D'IDENTIFICATION DES EFFECTEURS DE L'ACTIVITE D'ORNITHINE DECARBOXYLASE**  
[72] MANGOLD, URSULA, US  
[72] LEBERER, EKKEHARD, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2004-06-11  
[86] 2002-12-10 (PCT/EP2002/013982)  
[87] 2003-06-19 (WO2003/050296)  
[30] DE (101 61 412.8) 2001-12-13

## Demandes PCT entrant en phase nationale

[21] **2,470,174**  
[13] A1

[51] **Int.Cl. 7C07K 1/00 7G01N 37/00 7B01D 9/02 7G01N 33/68**

[25] EN

[54] **ARRAY FOR CRYSTALLIZING PROTEIN, DEVICE FOR CRYSTALLIZING PROTEIN AND METHOD OF SCREENING PROTEIN CRYSTALLIZATION USING THE SAME**

[54] **RESEAU POUR CRISTALLISER DES PROTEINES, DISPOSITIF POUR CRISTALLISER DES PROTEINES ET PROCEDE POUR CRIBLER UNE CRISTALLISATION DE PROTEINE PAR UTILISATION DE CEUX-CI**

[72] TANAKA, ISAO, JP

[72] TAKEUCHI, HIROSHI, JP

[72] AKITA, TAKASHI, JP

[72] NISHIJIMA, CHIHARU, JP

[72] SUMI, TOSHINORI, JP

[72] WATANABE, NOBUHISA, JP

[72] NAGATA, YUICHIROU, JP

[71] MITSUBISHI RAYON CO., LTD., JP

[85] 2004-06-14

[86] 2002-12-11 (PCT/JP2002/012970)

[87] 2003-07-03 (WO2003/053998)

[30] JP (2002-229173) 2002-08-06

[30] JP (2001-376972) 2001-12-11

[21] **2,470,411**

[13] A1

[51] **Int.Cl. 7C12Q 1/00 7G01N 21/00 7G01N 33/00 7G01N 33/48 7G01N 33/53 7G01N 33/554 7G01N 33/569 7G01N 33/574 7G01N 21/75 7G01N 21/76**

[25] EN

[54] **SYSTEM FOR MONITORING BACTERIAL TUMOR TREATMENT**

[54] **SYSTEME DE SURVEILLANCE DU TRAITEMENT D'UNE TUMEUR BACTERIENNE**

[72] XU, MINGXU, US

[72] LI, LINGNA, US

[72] JIANG, PING, US

[72] YANG, MENG, US

[72] ZHAO, MING, US

[72] LI, XIAO-MING, US

[71] ANTICANCER, INC., US

[85] 2004-06-22

[86] 2002-12-31 (PCT/US2002/041822)

[87] 2003-07-17 (WO2003/057007)

[30] US (60/345,699) 2001-12-31

[21] **2,470,508**

[13] A1

[51] **Int.Cl. 7G01N 33/48 7G01N 31/00**

[25] EN

[54] **LIBRARY SCREENING**

[54] **CRIBLAGE DE BANQUES**

[72] LADNER, ROBERT C., US

[72] WHELIHAN, FAYELLE E., US

[71] DYAX CORPORATION, US

[85] 2004-06-02

[86] 2002-12-03 (PCT/US2002/038539)

[87] 2003-06-12 (WO2003/048902)

[30] US (60/337,482) 2001-12-03

[30] US (60/336,672) 2001-12-05

[21] **2,470,512**

[13] A1

[51] **Int.Cl. 7E21B 49/08 7G01N 23/06 7G01N 23/08 7G01N 23/12 7G01N 33/28**

[25] EN

[54] **APPARATUS AND METHODS FOR DOWNHOLE DETERMINATION OF CHARACTERISTICS OF FORMATION FLUIDS**

[54] **APPAREIL ET PROCEDES DE DETERMINATION DANS UN FOND DE Puits DE CARACTERISTIQUES DE FLUIDES DE FORMATION**

[72] MULLINS, OLIVER, US

[72] WU, XU, CN

[72] FITZGERALD, JOHN, GB

[72] CHEN, FELIX, US

[72] GOODWIN, ANTHONY R. H., GB

[72] CORRIS, GARY, US

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2004-06-03

[86] 2002-12-05 (PCT/US2002/038773)

[87] 2003-06-19 (WO2003/050389)

[30] US (10/013,157) 2001-12-10

[21] **2,470,521**

[13] A1

[51] **Int.Cl. 7C07H 19/16 7A61P 31/12 7A61K 31/7076**

[25] EN

[54] **ANTI-VIRAL 7-DEAZA L-NUCLEOSIDES**

[54] **7-DEAZA L-NUCLEOSIDES EN TANT QU'ANTIVIRAUX**

[72] IYER, RADHAKRISHNAN P., US

[72] MOUNIR, SAMIR, CA

[72] DEZIEL, ROBERT, CA

[72] MEKOUAR, KHALID, CA

[71] MICROLOGIX BIOTECH INC., CA

[85] 2004-06-15

[86] 2002-12-20 (PCT/US2002/041185)

[87] 2003-07-10 (WO2003/055896)

[30] US (60/342,792) 2001-12-21

[21] **2,470,523**

[13] A1

[51] **Int.Cl. 7B60R 7/04 7B62D 43/00**

[25] EN

[54] **COMPOSITE SPARE WHEEL WELL**

[54] **COMPARTIMENT COMPOSITE POUR ROUE DE SECOURS**

[72] TAO, XIAODONG, US

[72] COURTER, DAVID MICHAEL, US

[72] MCLEOD, DAVID GRAY, FR

[72] MCLEOD, DAVID GRAY, US

[71] DOW GLOBAL TECHNOLOGIES INC., US

[71] TAO, XIAODONG, US

[71] COURTER, DAVID MICHAEL, US

[71] MCLEOD, DAVID GRAY, FR

[71] MCLEOD, DAVID GRAY, US

[85] 2004-06-03

[86] 2002-12-04 (PCT/US2002/038963)

[87] 2003-06-12 (WO2003/047910)

[30] US (10/006,823) 2001-12-04

[21] **2,470,527**

[13] A1

[51] **Int.Cl. 7C12N 5/00 7C12N 15/00**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR GENERATING A GENETICALLY MODIFIED ANIMAL USING LENTIVIRAL VECTORS**

[54] **METHODES ET COMPOSITIONS UTILISANT DES VECTEURS LENTIVIRAUX POUR PRODUIRE UN ANIMAL GENETIQUEMENT MODIFIE**

[72] KOENTGEN, FRANK, AU

[72] WAKEFIELD, JOHN, US

[72] RAMABHADRAN, RAM, US

[71] TRANZYME, INC., US

[85] 2004-06-15

[86] 2002-12-19 (PCT/US2002/041020)

[87] 2003-07-24 (WO2003/059923)

[30] US (60/344,841) 2001-12-21

[30] US (60/398,476) 2002-07-25

## PCT Applications Entering the National Phase

[21] **2,470,554**  
[13] A1

[51] **Int.Cl. 7C12M 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INDUCING CONTROLLED MECHANICAL CONSTRAINTS IN A TISSUE CONSTRUCT**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'INDUIRE DES CONTRAINTES MECANIQUES CONTROLEES DANS UN PRODUIT TISSULAIRE**  
[72] AUGER, FRANCOIS A., CA  
[72] BERGERON, FRANCOIS, CA  
[72] GERMAIN, LUCIE, CA  
[71] BIOGENTIS INC., CA  
[85] 2004-06-15  
[86] 2003-01-15 (PCT/CA2003/000053)  
[87] 2003-07-24 (WO2003/060059)  
[30] US (60/347,864) 2002-01-15

[21] **2,470,571**  
[13] A1

[51] **Int.Cl. 7A61K 38/18 7A61P 35/00 7A61K 38/30 7A61K 47/30 7A61K 47/32**  
[25] EN  
[54] **POVIDONE-CONTAINING CARRIERS FOR POLYPEPTIDE GROWTH FACTORS**  
[54] **EXCIPIENTS CONTENANT DE LA POVIDONE POUR FACTEURS DE CROISSANCE POLYPEPTIDIQUES**  
[72] AKELLA, RAMA, US  
[72] RANIERI, JOHN, US  
[71] CENTERPULSE BIOLOGICS, INC., US  
[85] 2004-06-15  
[86] 2002-12-23 (PCT/US2002/041077)  
[87] 2003-07-24 (WO2003/060076)  
[30] US (10/027,669) 2001-12-21

[21] **2,470,696**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61P 7/00 7A61P 9/00 7C07K 16/28 7G01N 33/50**  
[25] EN  
[54] **PECAM-1 MODULATION**  
[54] **MODULATION DE PECAM-1**  
[72] GIBBINS, JONATHAN, GB  
[72] CICMIL, MILENKO, GB  
[71] THE UNIVERSITY OF READING, GB  
[85] 2004-06-16  
[86] 2002-12-17 (PCT/GB2002/005730)  
[87] 2003-07-10 (WO2003/055516)  
[30] GB (0130832.9) 2001-12-22

[21] **2,470,853**  
[13] A1

[51] **Int.Cl. 7C12N 5/08**  
[25] EN  
[54] **HUMAN CELL CULTURE MEDIUM AND CULTURE METHOD**  
[54] **MILIEU DE CULTURE POUR DES CELLULES HUMAINES ET METHODE DE CULTURE**  
[72] TAKAGI, MUTSUMI, JP  
[72] YOSHIDA, TOSHIOMI, JP  
[71] WAKITANI, SHIGEYUKI, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[85] 2004-06-14  
[86] 2002-12-02 (PCT/JP2002/012581)  
[87] 2003-06-19 (WO2003/050273)  
[30] JP (2001-380426) 2001-12-13

[21] **2,470,902**  
[13] A1

[51] **Int.Cl. 7C12Q 1/54 7C12M 1/00 7C12Q 1/00 7C12M 1/34**  
[25] EN  
[54] **NON- OR MINIMALLY INVASIVE MONITORING METHODS**  
[54] **METHODES DE SURVEILLANCE NON INVASIVES OU MINIMALEMENT INVASIVES**  
[72] BURKOTH, TERRY L., US  
[72] KWON, SUNG-YUN, US  
[71] POWDERJECT RESEARCH LIMITED, GB  
[85] 2004-06-17  
[86] 2002-12-13 (PCT/US2002/037604)  
[87] 2003-07-10 (WO2003/056033)  
[30] US (10/022,633) 2001-12-17

[21] **2,471,165**  
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61K 7/032**  
[25] EN  
[54] **POST APPLICATION EXPANDING COSMETIC COMPOSITION AND METHOD EMPLOYING SAME**  
[54] **COMPOSITION COSMETIQUE PRENANT DE L'EXPANSION APRES L'APPLICATION ET METHODE EMPLOYANT CETTE METHODE**  
[72] MCNAMARA, WILLIAM E., US  
[72] GARRISON, MARK S., US  
[71] AVON PRODUCTS, INC., US  
[85] 2004-06-25  
[86] 2003-12-19 (PCT/US2003/040782)  
[87] 2004-06-27 (WO2004/060334)  
[30] US (10/331,069) 2002-12-27

[21] **2,471,421**  
[13] A1

[51] **Int.Cl. 7C07H 21/00 7A61K 48/00 7A61K 31/7088 7A61K 31/713**  
[25] EN  
[54] **RNA INTERFERENCE MEDIATED INHIBITION OF PROTEIN TYROSINE PHOSPHATASE-1B (PTP-1B) GENE EXPRESSION USING SHORT INTERFERING NUCLEIC ACID (SINA)**  
[54] **INHIBITION DE L'EXPRESSION GENIQUE DE LA PROTEINE TYROSINE PHOSPHATASE-1B (PTB-1B) INDUITE PAR L'INTERFERENCE ARN, UTILISANT UN ACIDE NUCLEIQUE D'INTERFERENCE COURT (SINA)**  
[72] MCSWIGGEN, JAMES, US  
[72] USMAN, NASSIM, US  
[72] BEIGELMAN, LEONID, US  
[71] SIRNA THERAPEUTICS, INC., US  
[85] 2004-04-22  
[86] 2003-02-11 (PCT/US2003/004123)  
[87] 2003-08-28 (WO2003/070881)  
[30] US (60/358,580) 2002-02-20  
[30] US (60/363,124) 2002-03-11  
[30] US (60/386,782) 2002-06-06  
[30] US (10/206,705) 2002-07-26  
[30] US (60/406,784) 2002-08-29  
[30] US (60/408,378) 2002-09-05  
[30] US (60/409,293) 2002-09-09  
[30] US (60/440,129) 2003-01-15

[21] **2,471,735**  
[13] A1

[51] **Int.Cl. 7A61K 39/00 7A61K 38/00 7A61P 35/00 7A61P 37/08**  
[25] EN  
[54] **DESENSITIZERS**  
[54] **DESENSIBILISANTS**  
[72] YAMADA, AKIRA, JP  
[72] ITOH, KYOGO, JP  
[71] ITOH, KYOGO, JP  
[85] 2004-02-25  
[86] 2002-08-28 (PCT/JP2002/008641)  
[87] 2003-03-13 (WO2003/020306)  
[30] JP (2001-260046) 2001-08-29

## Demandes PCT entrant en phase nationale

[21] **2,471,794**  
[13] A1  
[51] **Int.Cl. 7A61K 31/192 7A61K 31/235 7A61P 25/28**  
[25] EN  
[54] **USE OF 2-HYDROXY OR 2-ACETYLOXY-4-TRIFLUOROMETHYLBENZOIC ACID DERIVATIVES AS AN AGENT FOR THE TREATMENT AND PREVENTION OF MILD COGNITIVE IMPAIRMENT**  
[54] **UTILISATION DE DERIVES D'ACIDE 2-HYDROXY OU 2-ACETYLOXY-4-TRIFLUOROMETHYLBENZOIQUES COMME AGENT PERMETTANT DE TRAITER ET DE PREVENIR UNE ALTERATION COGNITIVE LEGERE**  
[72] NAVAS RAMIREZ, JOSE CARLOS, ES  
[72] IZQUIERDO PULIDO, JOSE IGNACIO, ES  
[72] GARCIA-RAFANELL, JULIAN, ES  
[72] MUNOZ ORTI, GENIS, ES  
[71] J. URIACH Y COMPANIA S.A., ES  
[85] 2004-06-02  
[86] 2002-12-06 (PCT/EP2002/013862)  
[87] 2003-06-12 (WO2003/047562)  
[30] ES (200102725) 2001-12-07

[21] **2,471,821**  
[13] A1  
[51] **Int.Cl. 7A61K 9/16 7A23L 1/22**  
[25] EN  
[54] **MICROCAPSULES HAVING MULTIPLE SHELLS AND METHOD FOR THE PREPARATION THEREOF**  
[54] **MICROCAPSULES PRESENTANT PLUSIEURS ENVELOPPES ET PROCEDE DE FABRICATION DE CELLES-CI**  
[72] PERRIE, TRUC-CHI, CA  
[72] MOULTON, SHAWN, CA  
[72] JIN, YULAI, CA  
[72] YAN, NIANXI, US  
[71] OCEAN NUTRITION CANADA LTD., CA  
[85] 2004-06-25  
[86] 2003-11-04 (PCT/CA2003/001699)  
[87] 2004-05-21 (WO2004/041251)  
[30] US (60/423,363) 2002-11-04

[21] **2,472,014**  
[13] A1  
[51] **Int.Cl. 7G06F 17/00 7G06F 12/00 7G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR UPDATING A REMOTE DATABASE**  
[54] **PROCEDE ET SYSTEME DE MISE A JOUR D'UNE BASE DE DONNEES DISTANTE**  
[72] MCMILLEN, BRADLEY THOMAS, US  
[72] BALOGH, ARISTOTLE NICHOLAS, US  
[72] HAWORTH, WILLIAM FREDERICK, JR., US  
[71] VERISIGN, INC., US  
[85] 2004-04-30  
[86] 2002-11-01 (PCT/US2002/035083)  
[87] 2003-05-08 (WO2003/038654)  
[30] US (60/330,842) 2001-11-01  
[30] US (60/365,169) 2002-03-19

[21] **2,472,055**  
[13] A1  
[51] **Int.Cl. 7A61K 39/39 7A61P 37/04**  
[25] EN  
[54] **MUCOSAL ADJUVANTS COMPRISING AN OLIGONUCLEOTIDE AND A CATIONIC LIPID**  
[54] **MODELES AMELIORES DE VACCINS ADMINISTRABLES PAR VOIE MUQUEUSE ET MODES D'UTILISATION**  
[72] SEMPLE, SEAN C., CA  
[72] YUAN, ZUAN-NING, CA  
[72] KLIMUK, SANDRA, CA  
[71] INEX PHARMACEUTICALS CORPORATION, CA  
[85] 2004-05-06  
[86] 2002-11-07 (PCT/CA2002/001717)  
[87] 2003-05-15 (WO2003/039595)  
[30] US (60/337,522) 2001-11-07  
[30] US (60/379,343) 2002-05-10

[21] **2,472,097**  
[13] A1  
[51] **Int.Cl. 7C07H 21/04 7A61K 48/00 7C12N 15/00**  
[25] EN  
[54] **ANTISENSE MODULATION OF PURINORECEPTOR P2X3**  
[54] **MODULATION ANTISENS DU RECEPTEUR DE LA PURINE P2X3**  
[72] ARVIDSSON, ULF N. G., SE  
[72] STONE, LAURA S., US  
[72] SHUSTER, SAMUEL J., US  
[72] ZHANG, HONG-YAN, SE  
[72] HART, LUCY VULCHANOVA, US  
[71] ALGOS THERAPEUTICS, INC., US  
[85] 2004-05-06  
[86] 2002-11-08 (PCT/US2002/036000)  
[87] 2003-05-15 (WO2003/040339)  
[30] US (60/337,338) 2001-11-09

[21] **2,472,194**  
[13] A1  
[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **AN INHALATION ACTUATED DEVICE**  
[54] **DISPOSITIF ACTIONNE PAR INHALATION**  
[72] GENOVA, PERRY A., US  
[72] WAKEFIELD, KEITH, US  
[71] KOS LIFE SCIENCES, INC., US  
[85] 2004-04-19  
[86] 2002-10-22 (PCT/US2002/033822)  
[87] 2003-05-01 (WO2003/035155)  
[30] US (10/029,791) 2001-10-23

## **PCT Applications Entering the National Phase**

# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

<p>[21] <b>2,466,650</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 13/14</b> [25] EN [54] <b>DATA EXCHANGE SYSTEM COMPRISING PORTABLE DATA PROCESSING UNITS</b> [54] <b>SYSTEME D'ECHANGE DE DONNEES COMPRENANT DES UNITES DE TRAITEMENT DE DONNEES PORTATIVES</b> [72] DE JONG, EDUARD KAREL, NL [71] BELLE GATE INVESTMENT B.V., NL [22] 1995-02-08 [41] 1995-08-17 [62] 2,182,783 [30] EP (94200236.1) 1994-02-08</p>	<p>[21] <b>2,468,121</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60P 7/04 7B60J 11/00</b> [25] EN [54] <b>VENTED COVER FOR OBJECTS BEING TRANSPORTED IN AN AIRSTREAM</b> [54] <b>COUVERCLE AVEC EVENT POUR OBJETS TRANSPORTES DANS UN COURANT D'AIR</b> [72] STEWART, JEF, CA [72] FRECHETTE, JOSEE, CA [71] INNOTEX INC., CA [22] 2001-07-18 [41] 2001-11-13 [62] 2,353,232 [30] CA (2,317,218) 2000-09-01</p>	<p>[21] <b>2,468,455</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65G 19/02 7B65G 19/20</b> [25] EN [54] <b>CONVEYOR HAVING A CUSHIONED BELT AND HIGH SPEED DISCHARGE CAPABILITIES</b> [54] <b>TRANSPORTEUR AVEC COURROIE COUSSINEE ET A CAPACITE DE DECHARGEMENT A HAUTE VITESSE</b> [72] BONNET, HENRI, US [71] UNITED PARCEL SERVICE OF AMERICA, INC., US [22] 1998-04-16 [41] 1998-11-05 [62] 2,283,308 [30] US (08/845,605) 1997-04-25</p>
<p>[21] <b>2,467,998</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 9/28 7G06F 12/14 7H04L 12/16 7H04L 9/30 7G06F 17/60</b> [25] EN [54] <b>SYSTEM FOR TRACKING END-USER ELECTRONIC CONTENT USAGE</b> [54] <b>SYSTEME DE SUIVI DE L'UTILISATION DE CONTENU ELECTRONIQUE PAR L'UTILISATEUR FINAL</b> [72] LOTSPIECH, JEFFREY, US [72] HURTADO, MARCO, US [72] LEHMAN, CHRISTOPHER, US [72] GRUSE, GEORGE GREGORY, US [72] DOWNS, EDGAR, US [72] DORAK, JOHN, US [72] MILSTED, KENNETH, US [72] MEDINA, CESAR, US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [22] 1999-08-12 [41] 2000-02-24 [62] 2,338,414 [30] US (09/133,519) 1998-08-13 [30] US (09/152,756) 1998-09-22 [30] US (09/177,096) 1998-10-22</p>	<p>[21] <b>2,468,451</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01S 3/041</b> [25] EN [54] <b>LASER HAVING IMPROVED BEAM QUALITY AND REDUCED OPERATING COST</b> [54] <b>LASER A QUALITE DE FAISCEAU AMELIOREE ET A COUT D'UTILISATION REDUIT</b> [72] DAS, PALASH P., US [72] WATSON, TOM A., US [72] PARTLO, WILLIAM N., US [72] LARSON, DONALD G., US [72] DERUYTER, ANTHONY J., US [72] FOMENKOV, IGOR V., US [71] CYMER, INC., US [22] 1997-01-03 [41] 1997-07-05 [62] 2,194,321 [30] US (08/583,302) 1996-01-05</p>	<p>[21] <b>2,469,081</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41J 2/175</b> [25] EN [54] <b>INK CARTRIDGE AND LOADING MECHANISM FOR THE INK CARTRIDGE</b> [54] <b>CARTOUCHE D'ENCRE ET MECANISME POUR LA CHARGER</b> [72] YOSHIDA, MASANORI, JP [72] MIYAZAWA, HISASHI, JP [72] KOIKE, HISASHI, JP [72] IGARASHI, HITOSHI, JP [72] KOBAYASHI, TAKAO, JP [71] SEIKO EPSON CORPORATION, JP [22] 1997-07-04 [41] 1998-01-05 [62] 2,423,985 [30] JP (8-195626) 1996-07-05 [30] JP (8-233588) 1996-08-14 [30] JP (9-158009) 1997-05-30</p>

## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,469,084**  
[13] A1

[51] **Int.Cl. 7A61K 31/568 7A61P 15/16 7A61K 31/565**  
[25] EN  
[54] **ANDROGEN AS A MALE CONTRACEPTIVE AND NON-CONTRACEPTIVE ANDROGEN REPLACEMENT**  
[54] **ANDROGENE EN TANT QUE CONTRACEPTIF MASCULIN, ET TRAITEMENT NON CONTRACEPTIF DE SUBSTITUTION A L'ANDROGENE**  
[72] MOO-YOUNG, ALFRED J., US  
[71] THE POPULATION COUNCIL, INC., US  
[22] 1998-09-17  
[41] 1999-03-25  
[62] 2,271,657  
[30] US (60/059,300) 1997-09-17  
[30] US (60/062,962) 1997-10-10  
[30] US (09/154,283) 1998-09-16

[21] **2,469,157**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**  
[25] EN  
[54] **A SYSTEM AND USER INTERFACE FOR PROCESSING HEALTHCARE RELATED EVENT INFORMATION**  
[54] **SYSTEME ET INTERFACE-UTILISATEUR POUR LE TRAITEMENT D'INFORMATIONS EVENEMENTIELLES SE RAPPORTANT AUX SOINS DE SANTE**  
[72] BRANDT, SAMUEL I., US  
[72] DEHAAN, JAN, US  
[71] SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION, US  
[22] 2002-07-24  
[41] 2003-03-20  
[62] 2,458,234  
[30] US (60/318,664) 2001-09-12  
[30] US (10/051,664) 2002-01-17

[21] **2,470,124**  
[13] A1

[51] **Int.Cl. 7C07D 305/14 7C07B 63/00**  
[25] FR  
[54] **PROCEDE D'OBTENTION DE LA DESACETYL-10 BACCATINE III**  
[54] **PROCESS FOR PREPARING 10-DESACETYL BACCATINE III**  
[72] MARGRAFF, RODOLPHE, FR  
[71] RHONE-POULENC RORER S.A., FR  
[22] 1993-10-04  
[41] 1994-04-14  
[62] 2,146,248  
[30] FR (92/11745) 1992-10-05

[21] **2,470,183**  
[13] A1

[51] **Int.Cl. 7C07C 317/04**  
[25] EN  
[54] **INTERMEDIATES FOR PREPARING ARYLSULPHONAMIDES AND ANALOGUES**  
[54] **INTERMEDIAIRES POUR LA PREPARATION D'ARYLSULPHONAMIDES ET D'ANALOGUES**  
[72] FRANZ, JUERGEN, DE  
[72] MITTENDORF, JOACHIM, DE  
[72] DRESSEL, JUERGEN, DE  
[72] KELDENICH, JOERG, DE  
[72] DE VRY, JEAN-MARIE-VIKTOR, DE  
[72] MAULER, FRANK, DE  
[72] SPREYER, PETER, DE  
[72] JORK, REINHARD, DE  
[72] RADDATZ, SIEGFRIED, DE  
[72] FRIEDL, ARNO, DE  
[72] HORVATH, ERVIN, DE  
[72] MOHRS, KLAUS-HELMUT, DE  
[72] VOEHRINGER, VERENA, DE  
[72] ROCK, MICHAEL-HAROLD, DE  
[72] MATZKE, MICHAEL, DE  
[72] SCHUHMACHER, JOACHIM, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1998-02-10  
[41] 1998-08-27  
[62] 2,281,929  
[30] DE (197 06 902.9) 1997-02-21  
[30] DE (197 40 785.4) 1997-09-17

[21] **2,470,670**  
[13] A1

[51] **Int.Cl. 7C07K 14/715 7A61P 37/00 7A61K 38/17**  
[25] EN  
[54] **TNF LIGANDS**  
[54] **LIGANDS DU TNF**  
[72] WALLACH, DAVID, IL  
[72] BIGDA, JACEK, PL  
[72] METT, IGOR, IL  
[72] BELETSKY, IGOR, RU  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD, IL  
[22] 1993-09-03  
[41] 1994-03-04  
[62] 2,105,534  
[30] IL (103051) 1992-09-03  
[30] IL (106271) 1993-07-08

[21] **2,470,672**  
[13] A1

[51] **Int.Cl. 7A45D 26/00**  
[25] EN  
[54] **BODY HAIR TREATING IMPLEMENT**  
[54] **DISPOSITIF DE TRAITEMENT DU SYSTEME PILLEUX**  
[72] HASHIMOTO, KENJI, JP  
[71] HASHIMOTO, KENJI, JP  
[22] 1998-06-26  
[41] 1999-01-04  
[62] 2,241,475  
[30] JP (9-194908) 1997-07-04

[21] **2,470,673**  
[13] A1

[51] **Int.Cl. 7C01F 7/06**  
[25] EN  
[54] **IMPROVED BAYER CAUSTICISATION**  
[54] **CAUSTIFICATION DE BAYER AMELIOREE**  
[72] HEATH, CATHERINE A., AU  
[72] WILSON, DARREL JAMES, AU  
[72] ROSENBERG, STEVEN P., AU  
[71] WORSLEY ALUMINA PTY. LTD., AU  
[22] 1999-09-13  
[41] 2000-04-06  
[62] 2,352,953  
[30] AU (PP6224) 1998-09-25  
[30] AU (PQ2476) 1999-08-26

[21] **2,470,709**  
[13] A1

[51] **Int.Cl. 7A61L 31/10 7C08J 5/00 7A61F 2/06 7A61L 31/16 7A61L 27/34 7A61L 27/54**  
[25] EN  
[54] **DRUG RELEASE STENT COATING PROCESS**  
[54] **PROCEDE DE REVETEMENT DE TUTEUR LIBERANT DES MEDICAMENTS**  
[72] HELMUS, MICHAEL N., US  
[72] DING, NI, US  
[71] BOSTON SCIENTIFIC SCIMED, INC., US  
[22] 1996-09-05  
[41] 1997-03-20  
[62] 2,231,727  
[30] US (08/526,273) 1995-09-11  
[30] US (663,490) 1996-06-13

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,471,045**  
[13] A1

[51] **Int.Cl. 7A45F 3/04**  
[25] EN  
[54] **BACKPACK**  
[54] **SAC A DOS**  
[72] ROBERT, BRIAN, CA  
[71] ROBERT, BRIAN, CA  
[22] 2003-07-21  
[41] 2003-11-26  
[62] 2,435,630

[21] **2,471,048**  
[13] A1

[51] **Int.Cl. 7B03B 9/02 7C10G 1/04**  
[25] EN  
[54] **BITUMINOUS FROTH INCLINED PLATE SEPARATOR AND HYDROCARBON CYCLONE TREATMENT PROCESS**  
[54] **SEPARATEUR DE MOUSSE BITUMINEUSE A PLAQUES INCLINEES ET METHODE DE TRAITEMENT D'HYDROCARBURES A L'AIDE D'UN CYCLONE SEPARATEUR**  
[72] GARNER, WILLIAM NICHOLAS, CA  
[72] STRAND, WILLIAM LESTER, CA  
[72] MADGE, DONALD NORMAN, CA  
[71] SUNCOR ENERGY INC., CA  
[22] 2002-09-19  
[41] 2004-03-19  
[62] 2,400,258

[21] **2,471,091**  
[13] A1

[51] **Int.Cl. 7C08J 5/18 7B32B 17/10 7C03C 27/12**  
[25] EN  
[54] **INTERMEDIATE FILM FOR LAMINATED GLASS**  
[54] **FILM INTERMEDIAIRE POUR VERRE FEUILLETE**  
[72] SHICHIRI, TOKUSHIGE, JP  
[72] OMIZU, MORIMASA, JP  
[71] SEKISUI CHEMICAL CO., LTD., JP  
[22] 1999-03-11  
[41] 1999-09-16  
[62] 2,322,820  
[30] JP (10/59929) 1998-03-11  
[30] JP (10/197,558) 1998-07-13

[21] **2,471,093**  
[13] A1

[51] **Int.Cl. 7C07K 2/00 7A61K 39/00 7A61K 38/02 7C07K 1/20 7C07K 1/32 7C07K 1/36 7G01N 33/68**  
[25] EN  
[54] **DETERMINATION OF MOTIFS OF PEPTIDES ON MHC MOLECULES**  
[54] **DETERMINATION DE MOTIFS PEPTIDIQUES SUR DES MOLECULES DU CMH**  
[72] JUNG, GUENTHER, DE  
[72] STEVANOVIC, STEFAN, DE  
[72] RAMMENSEE, HANS-GEORG, DE  
[72] ROETZSCHKE, OLAF, US  
[72] FALK, KIRSTEN, US  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V., DE  
[22] 1992-05-15  
[41] 1992-11-26  
[62] 2,103,148  
[30] DE (P 41 16 256.0) 1991-05-17

[21] **2,471,102**  
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 31/00 7A61K 31/7048**  
[25] EN  
[54] **CRYSTAL FORM II OF CLARITHROMYCIN**  
[54] **FORME CRISTALLINE II DE LA CLARITHROMYCINE**  
[72] LIU, JIH-HUA, US  
[72] RILEY, DAVID A., US  
[72] SPANTON, STEPHEN G., US  
[71] ABBOTT LABORATORIES, US  
[22] 1997-07-25  
[41] 1998-02-05  
[62] 2,419,729  
[30] US (US 08/681,723) 1996-07-29

[21] **2,471,104**  
[13] A1

[51] **Int.Cl. 7B01D 46/10 7B01D 46/44**  
[25] EN  
[54] **AIR TREATMENT SYSTEM**  
[54] **SYSTEME DE TRAITEMENT DE L'AIR**  
[72] PIPPEL, BRADLEY J., US  
[72] ABEREGG, DALE, US  
[72] RICK, BRADLEY G., US  
[72] O'CONNOR, JOHN F., JR., US  
[72] NIEZGODA, THOMAS, US  
[71] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US  
[22] 1997-06-03  
[41] 1997-12-18  
[62] 2,256,443  
[30] US (08/661,589) 1996-06-11  
[30] US (08/665,004) 1996-06-11  
[30] US (08/665,003) 1996-06-11  
[30] US (08/661,604) 1996-06-11  
[30] US (08/661,590) 1996-06-11  
[30] US (08/661,375) 1996-06-11

[21] **2,471,113**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04M 17/00 7G06F 17/60**  
[25] EN  
[54] **APPARATUS FOR VENDING AND DELIVERING TELEPHONE SERVICES**  
[54] **PROCEDE ET DISPOSITIF DE VENTE ET DE DIFFUSION DE SERVICES TELEPHONIQUES**  
[72] WILLIAMS, L. LLOYD, CA  
[71] NEWSTEP NETWORKS, INC., CA  
[22] 2002-12-17  
[41] 2003-07-10  
[62] 2,469,959  
[30] US (10/036,998) 2001-12-21  
[30] CA (PCT/CA02/01951) 2002-12-17

[21] **2,471,125**  
[13] A1

[51] **Int.Cl. 7A23G 3/02 7A23G 3/06**  
[25] EN  
[54] **KNEADING DEVICE AND ROPESIZER**  
[54] **DISPOSITIF DE PETRISSAGE ET CALIBREUSE DE BOUDINS**  
[72] MASUKAWA, SUMIO, JP  
[72] OHNO, YOSHIHIRO, JP  
[72] KIMURA, TSUGUO, JP  
[72] KANAI, AKISHIGE, JP  
[71] MORINAGA & CO., LTD., JP  
[22] 2000-11-13  
[41] 2002-05-13  
[62] 2,369,335

## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

---

[21] **2,471,128**

[13] A1

[51] **Int.Cl. 7F23D 3/08 7F23D 3/24**

[25] EN

[54] **COOKING FUEL CONTAINER  
AND BURNER**

[54] **BRULEUR ET RECIPIENT POUR  
COMBUSTIBLE DE CUISSON**

[72] KIEFER, NATALIE ROBIN, US

[72] BARBATO, FRANCIS T., US

[72] HINDERER, LARRY, US

[72] MESSINA, NEALE A., US

[71] CANDLE CORPORATION OF  
AMERICA, US

[22] 1992-10-27

[41] 1993-05-01

[62] 2,081,531

[30] US (7/785,960) 1991-10-31

[30] US (7/953,422) 1992-09-29

---

[21] **2,471,472**

[13] A1

[51] **Int.Cl. 7B01D 46/10 7B01D 35/30**

[25] EN

[54] **AIR TREATMENT SYSTEM**

[54] **SYSTEME DE TRAITEMENT DE  
L'AIR**

[72] NIEZGODA, THOMAS, US

[72] O'CONNOR, JOHN F., JR., US

[72] PIPPEL, BRADLEY J., US

[72] ABEREGG, DALE, US

[72] RICK, BRADLEY G., US

[71] ACCESS BUSINESS GROUP  
INTERNATIONAL LLC, US

[22] 1997-06-03

[41] 1997-12-18

[62] 2,256,443

[30] US (08/661,589) 1996-06-11

[30] US (08/665,004) 1996-06-11

[30] US (08/665,003) 1996-06-11

[30] US (08/661,604) 1996-06-11

[30] US (08/661,590) 1996-06-11

[30] US (08/661,375) 1996-06-11

# Index of Canadian Patents Issued

August 24, 2004

## Index des brevets canadiens délivrés

24 août 2004

ABBOTT LABORATORIES	2,111,962	BAE SYSTEMS AVIONICS		S PUBLIC LIMITED	
ABELLEIRA, ANGEL	2,284,579	LIMITED	2,110,250	COMPANY	2,296,061
ABERG, A. K. GUNNAR	2,143,610	BAILEY, RONALD EUGENE	2,171,079	BROWN, CHARLES RUPERT	
ACCESS BUSINESS GROUP		BAKER HUGHES		TELFORD	2,194,385
INTERNATIONAL LLC	2,113,703	INCORPORATED	2,350,858	BROWN, RICHARD A.	2,135,292
ACCESS OIL TOOLS, INC.	2,122,622	BAKER, STEPHEN	2,347,336	BRUNNINGER, MANFRED	2,189,220
ACCOLLA, WILLIAM R.	2,153,097	BALCH, BRENT F.	2,153,097	BRUNO, DAVID J.	2,330,940
ACKLEY, MARK WILLIAM	2,274,471	BANFORD, JONATHAN	2,092,239	BRYLA, JAMES J.	2,290,419
AEGTEN, JOSEF THEODOOR	2,158,719	BANNASCH, RUDOLF	2,378,607	BUEHLER, VOLKER	2,083,651
AHLBAUMER, GEORG	2,125,850	BARNETT, RON	2,332,708	BULJAN, SERGEJ-TOMISLAV	2,322,421
AKAOGI, SHOJI	2,220,544	BASF		BUONDELMONTE, CHARLES	
ALBANY DOOR SYSTEMS AB		AKTIENGESELLSCHAFT	2,083,651	JOSEPH	2,332,708
	2,180,647	BASSETT, WILLIAM J.	2,260,534	BURGESON, ROBERT E.	2,173,626
ALCAN INTERNATIONAL		BATTERSBY, JOHN EDWARD		BYRNE, MICHAEL J.	2,252,984
LIMITED	2,291,162		2,096,347	CADBURY ADAMS USA LLC	2,293,641
ALCATEL	2,251,614	BAYER CORPORATION	2,285,794	CAMPBELL, ROBERT L., JR.	2,344,009
ALLEGHENY LUDLUM		BAYER HEALTHCARE, LLC	2,151,413	CANALE, GIUSEPPE	2,292,705
CORPORATION	2,171,079	BAYLOR COLLEGE OF		CARD TECHNOLOGY	
ALLEN, JOHN J.	2,214,476	MEDICINE	2,081,782	CORPORATION	2,249,549
ALLEN, MICHAEL	2,323,213	BEAUVAIS, JACQUES	2,197,400	CARLSSON, PER-OLOV	2,257,801
ALLEN, THOMAS H.	2,193,083	BECK, PETER	2,322,418	CARLSSON, TORSTEN	2,259,315
ALLI, ALIM	2,132,286	BEDARD, PIERRE	2,355,844	CARON, YVES	2,291,162
ALTHIN MEDICAL AB	2,257,801	BEIN, THILO	2,201,820	CARRINO, JOHN J.	2,111,962
ALVEY, BILL	2,344,009	BELARDINELLI, LUIZ	2,347,336	CASTRIP, LLC	2,221,322
ANCEL, DOUGLAS R.	2,289,977	BELL, ROBERT HAMILTON	2,171,079	CAWOOD FAMILY LIMITED	
ANDREWS, RICHARD M.	2,322,421	BENTLEY, JEFFREY M.	2,265,468	PARTNERSHIP	2,287,533
ANGIOGENIX, INC.	2,201,784	BENTRIM, BRIAN G.	2,330,940	CAWOOD, CHARLES DAVID	2,287,533
ANON, INC.	2,319,018	BERTILSSON, HANS-INGE	2,180,647	CELL PATHWAYS, INC.	2,258,013
APPELQVIST, INGRID ANNE		BERTWELL, DALE E.	2,178,343	CENTRE DE RECHERCHE	
MARIE	2,194,385	BESSETTE, ARTHUR J.	2,089,137	INDUSTRIELLE DU	
APPLETON PAPERS INC.	2,218,632	BHP MINERALS		QUEBEC	2,355,844
APPRILLE, DOMENIC		INTERNATIONAL INC.	2,270,079	CERVENKA, BOHUMIR	2,218,930
VINCENT JR.	2,429,125	BIERINGER, HERMANN	2,173,152	CHANG, SHU-HUA	2,253,620
APPRILLE, DOMENIC		BINETTE, SYLVAIN	2,355,844	CHAULK, DONALD ROBERT	2,429,125
VINCENT JR.	2,429,129	BIOENERGY INC.	2,334,415	CHAULK, DONALD ROBERT	2,429,129
AQUALON COMPANY	2,119,097	BIOMERIEUX, INC.	2,126,823	CHEN, FUNG-JOU	2,091,096
ASAHI KASEI KABUSHIKI		BIONDO, VINCENT C.	2,417,170	CHEN, THOMAS M.	2,250,278
KAISHA	2,388,246	BIRKENMEYER, LARRY G.	2,111,962	CHENG, CHEN-CHIN	2,257,778
ASHLEY, KEITH R.	2,249,549	BLACK & DECKER INC.	2,135,114	CHERPECK, RICHARD E.	2,130,187
ASPINALL, JASON	2,223,607	BLACK & DECKER INC.	2,274,446	CHESTOPALOV, IOURII	
ASSANTE, JEAN-PIERRE	2,159,271	BLATTNER, SUSANNE	2,162,898	KONSTANTINOVITCH	2,364,033
ASSAYAG, PEN PROSS	2,390,265	BLEJDE, WALTER	2,221,322	CHEVRON RESEARCH AND	
ASTRA AKTIEBOLAG	2,171,209	BLOOMFIELD, RICHARD M.	2,296,441	TECHNOLOGY	
AT&T CORP.	2,256,722	BLUMEL, KLAUS	2,335,517	COMPANY	2,130,187
AUDONNET, JEAN-		BOIS, HENRI GEORGES	2,253,066	CHILDS, RONALD F.	2,099,727
CHRISTOPHE FRANCIS	2,116,355	BOONE, GARY W.	2,273,648	CHIU, CHARLES KWOK-	
AUGER, MARC	2,291,162	BOWDEN, KEVIN D. J.	2,354,810	FUNG	2,290,252
AVAYA TECHNOLOGY		BRADDICK, BRITT O.	2,191,410	CIGLENEC, REINHART	2,278,080
CORP.	2,332,708	BRANTIGAN, JOHN W.	2,171,824	CINPRES LIMITED	2,135,303
AVERY DENNISON		BREITBACH, ELMAR J.	2,201,820	CLARK, RANDALL R.	2,292,096
CORPORATION	2,359,313	BRENDEL, KLAUS	2,258,013	CLARK, WILLIAM GUY JR.	2,058,335
AVID TECHNOLOGY, INC.	2,185,800	BRINKMAN, LARRY FRANK	2,381,688	CLARKSON, CHARLES G.	2,252,984
AWAD, AZIZ CHAFIC	2,352,322	BRITISH		CLAWSON, LAWRENCE G.	2,265,468
B & G VENTURES, INC.	2,178,343	TELECOMMUNICATION		COGIFER - COMPAGNIE	
BACKLUND, INGVAR	2,165,425			GENERALE	

## Index of Canadian Patents Issued August 24, 2004

D'INSTALLATIONS		FISHER, MARK ROBERT	2,218,632	HACKER, ERWIN	2,173,152
FERROVIAIRES	2,105,901	FISONS LIMITED	2,225,750	HAGUE, EDWARD W.	2,249,549
COLERO, MICHAEL	2,284,412	FLEHMIG, THOMAS	2,335,517	HALLOCK, JOHN	2,284,579
COLLINS, RICHARD		FLEXICO-FRANCE	2,253,066	HAMBY, THOMAS E., JR.	2,195,898
EDWARD	2,201,897	FLUCKIGER, CLAUDE	2,105,723	HANCOCK, JIMMY W.	2,384,694
COMMODORE APPLIED		FLUHR, NORBERT	2,278,214	HANCOCK, WILLIAM	
TECHNOLOGIES, INC.	2,362,469	FORD, ANTHONY	2,320,750	STEPHEN	2,096,347
CONSENS, MARIANO PAULO	2,253,744	FOSBEL INTELLECTUAL		HANNA, FARHAT	2,397,926
CONTAXIS, WILLIAM III	2,247,033	LIMITED	2,071,370	HARTMANN, THOMAS	2,265,317
CORSI, PHILIPPE	2,159,271	FOX, STEVE A.	2,344,009	HARVEY, BARRY	2,304,051
COUTURIER, JEAN-PIERRE	2,355,844	FRACZEK, RICHARD	2,368,172	HASHIMOTO, YUKIHIRO	2,263,516
CROSS, DAVID M.	2,373,251	FRACZEK, RICHARD R.	2,373,251	HASSENBOEHLER, CHARLES	
CROW, KENNETH RICHARD	2,135,303	FRANKLIN, DANIEL B.	2,273,648	B., JR.	2,106,372
CYMER, INC.	2,198,714	FRANZ PLASSER		HATA, KEISHIRO	2,131,575
CYRUS, RICHARD	2,198,781	BAHNBAUMASCHINEN-		HAYASHI, SHIGEO	2,313,122
DAMES, ANDREW		INDUSTRIEGESELLSCH		HE, JIAN-JUN	2,350,267
NICHOLAS	2,396,540	AFT M.B.H.	2,189,220	HEAT TRACE LIMITED	2,359,293
DE ROME, RAYMOND D.	2,138,338	FREUND, YOAV	2,256,722	HEATON, LISA W.	2,131,975
DEBRAAL, JOHN CHARLES	2,218,632	FRIESEN, JED CHRISTOPHER	2,218,930	HEAVEN, JONATHAN MARK	2,402,617
DEBRAY, BERTRAND	2,251,614	FRITZ, KURT M.	2,325,515	HEBERT, ROBERT CHARLES	2,290,560
DEGEN, BRUNO	2,166,317	FROEHLER, BRIAN C.	2,058,632	HECKLER & KOCH GMBH	2,278,214
DEL TORO, CONNIE	2,216,952	FUCCI, JOSEPH GEORGE	2,429,125	HECKLER & KOCH GMBH	2,360,090
DEMUS S.P.A.	2,254,752	FUCCI, JOSEPH GEORGE	2,429,129	HEGE, FREDERIC	2,105,901
DEPUY ACROMED, INC.	2,171,824	FUJIMURA, HIROSHI	2,131,575	HEIMES, BERND	2,322,418
DER, HARRY	2,185,800	FUKASE, HISAHIKO	2,221,322	HELLMARK, MARTIN	2,259,315
DESAI, DEVAL M.	2,296,441	FUKIURA, TAKESHI	2,319,570	HENZLER, GREGORY W.	2,274,471
DEUTSCHE		FUKUDA, MASA AKI	2,325,172	HERAEUS ELECTRO-NITE	
FORSCHUNGSANSTALT		FUKUDA, MASAHIRO	2,325,172	INTERNATIONAL, N.V.	2,158,719
FUR LUFT- UND		FUKUDA, TSUTOMU	2,325,172	HERMANEK, FRANK J.	2,300,625
RAUMFAHRT E.V.	2,201,820	FUKUNO, HIROKI	2,263,516	HERMANS, MICHAEL ALAN	2,091,096
DEZONNO, ANTHONY J.	2,290,419	GAGNON, DAVID R.	2,099,727	HERSHKOVITZ, SHMUEL	2,220,807
DICKSON, JAMES M.	2,099,727	GALLI, STEFANO	2,378,839	HEWLETT-PACKARD	
DIEDRICH, THOMAS J.	2,138,338	GE BAYER SILICONES GMBH		COMPANY	2,247,033
DIETZ, JAMES R.	2,356,569	& CO., KG	2,166,317	HILL, ROGER	2,110,250
DIETZ, PAUL FREDERICK	2,092,239	GEARY, EARL G.	2,322,421	HILTI	
DILLE, BRUCE L.	2,111,962	GENENTECH, INC.	2,096,347	AKTIENGESELLSCHAFT	2,111,799
DOLL, RONALD J.	2,293,711	GENERAL KINEMATICS		HISHINUMA, ITARU	2,332,953
DROUIN, DOMINIQUE	2,197,400	CORPORATION	2,110,859	HMELAR, SUSAN M.	2,247,033
DU PONT CANADA INC.	2,097,614	GENET, ALAIN	2,053,352	HODGINS, LEONARD T.	2,327,659
DUBE, GHYSLAIN	2,291,162	GERBER SCIENTIFIC		HOECHST	
DUCHARME, MARC	2,390,265	PRODUCTS, INC.	2,270,141	AKTIENGESELLSCHAFT	2,098,256
DUNLAP, KENNETH S.	2,191,410	GERSHENFELD, NEIL	2,253,603	HOECHST SCHERING	
DUNN, PETER JAMES	2,285,733	GETMAN, GERRY D.	2,362,469	AGREVO GMBH	2,173,152
DURBIN, MARTIN J.	2,314,132	GHODE, ANIL P.	2,138,338	HOFLE, SIEGFRIED	2,111,799
DUYVESTYEN, WILLEM P. C.	2,270,079	GILBOA, PAZ	2,191,848	HOFMAN, CORNELIS	2,259,537
E.I. DU PONT DE NEMOURS		GIUGNI, FABRIZIO	2,125,850	HONDA GIKEN KOGYO	
AND COMPANY	2,097,614	GLOBAL INDUSTRIES		KABUSHIKI KAISHA	
EAVES, FELMONT F., III	2,417,170	HOLDINGS LTD.	2,451,544	(ALSO TRADING AS	
ECI TELECOM	2,191,848	GLOMBIK, HEINER	2,098,256	HONDA MOTOR CO.,	
EKSTRAND, MARIE INGELA		GOECKS, ROGER L.	2,260,534	LTD.)	2,220,544
CHRISTINA	2,180,647	GOERG, KRISTIN ANN	2,091,096	HONDA GIKEN KOGYO	
ENDO, MASATO	2,346,100	GOLLOB, EDWARD NELSON	2,096,387	KABUSHIKI KAISHA	
ENGELHARDT, KARL	2,221,040	GO-PLASTICS INC.	2,096,387	(ALSO TRADING AS	
ENHSEN, ALFONS	2,098,256	GORDON, LESLEA C.	2,397,926	HONDA MOTOR CO.,	
ERIKSSON, ANDERS	2,233,679	GOSHOO, YASUHIRO	2,319,570	LTD.)	2,312,165
ERWIN JUNKER		GRABOWSKI, SVEN	2,083,651	HONDA GIKEN KOGYO	
MASCHINENFABRIK		GRAY, JAMES IAN	2,352,322	KABUSHIKI KAISHA	
GMBH	2,338,362	GREAT LAKES KITCHEN &		(ALSO TRADING AS	
ETHICON, INC.	2,417,170	BATH, INC.	2,289,977	HONDA MOTOR CO.,	
FABIAN, MASSIMILIANO	2,254,752	GREEN, DAVID T.	2,131,975	LTD.)	2,356,769
FALKVALL, THORE	2,257,801	GREVE, CHRISTOPHER G.	2,358,424	HORCHLER VON	
FARKAS, NICHOLAS	2,097,614	GRIFFITH, DAVID ANDREW	2,290,252	LOCQUENGHIEU,	
FAVA, NEDO	2,119,433	GROSS, PAUL	2,258,013	KLAUS	2,221,040
FELLER, BERNHARD	2,265,317	GUCKIN, MARK E.	2,270,141	HORNE, BARRY	2,185,800
FERRARI, CLAUDIO	2,119,433	GUERET, JEAN-LOUIS	2,308,984	HOSHUYAMA, IZUMI	2,388,246
FINKE, STEVEN JAMES	2,141,536	GUSSE, JOSEPH PETER	2,218,632	HOWARD UNIVERSITY	2,308,281

## Index des brevets canadiens délivrés

24 août 2004

HSU, JAMES	2,220,369	KOGUMA, ICHIRO	2,388,246	MACKIE, THOMAS R.	2,368,764
HSU, YA-WEI	2,257,778	KOKEN CO., LTD.	2,294,659	MACLAUCHLAN, DANIEL T.	2,384,694
HU KAO, FU-JEN	2,257,778	KONDO, TATSUYA	2,061,148	MACMULLEN, PAUL NEIL	2,147,163
HU, HSIANG-YUN	2,111,962	KOOL, DENNIS J.	2,113,703	MAEDA, SHIGEYUKI	2,263,516
HUANG, YEAN-JENQ	2,253,620	KOPPY CORPORATION	2,089,968	MAEDA, TOSHIAKI	2,356,769
HUANG, YEN-CHIEH	2,253,620	KORISCH, ILYA ALEXANDER		MAHAPATRA, RAMA	
HUNTER, WOOD E.	2,362,469		2,332,708	BALLAV	2,221,322
ICHII, YASUO	2,332,953	KOSTEN, RICHARD B.	2,135,114	MAHY, MICHAEL A.	2,356,569
IKEGAYA, MANABU	2,312,165	KRAFT FOODS, INC.	2,240,712	MAKOLIN, ROBERT JOHN	2,091,096
ILLINOIS TOOL WORKS INC.	2,302,878	KRAMER, WERNER	2,098,256	MALLINCKRODT INC.	2,134,652
IMAZEKI, TOSHIO	2,332,953	KRATOCHVIL, JON DAVID	2,111,962	MAN ROLAND	
INDUSTRIAL TECHNOLOGY		KUKIZAKI, TAICHI	2,332,953	DRUCKMASCHINEN AG	2,265,317
RESEARCH INSTITUTE	2,257,778	KULPA, WALTER J.	2,325,780	MANDLE, JAMES S.	2,293,641
INTER-CITE VIDEO INC.	2,390,265	KURELEK, JOHN	2,384,218	MANZIONE, LOUIS THOMAS	2,332,708
ISIS PHARMACEUTICALS,		KUROKAWA, TSUTOMU	2,061,148	MARGARIA, THOMAS	2,166,317
INC.	2,058,632	KURTZE, JEFFREY	2,185,800	MARKHAM, JOSEPH P.	2,178,343
ITW-ATECO G.M.B.H.	2,274,276	KUSABE, KOJI	2,131,575	MARKS, DAVID N.	2,097,614
JACKSON, MICHAEL D.	2,293,948	KVAERNER PULPING AB	2,236,479	MARSHALL, RONALD L.	2,111,962
JACOBS, DWIGHT W.	2,112,694	KYOCERA CORPORATION	2,233,600	MASSACHUSETTS	
JAISLE, RICHARD		KYOWA HAKKO KOGYO CO.,		INSTITUTE OF	
FREDERICK	2,290,560	LTD.	2,114,338	TECHNOLOGY	2,253,603
JAMES, JONATHAN HORTON	2,396,540	LABBE, JACQUES	2,355,844	MATSUSHITA ELECTRIC	
JESSUP, JAMES LYLE	2,136,577	LACOUT, FRANK	2,308,715	INDUSTRIAL CO., LTD.	2,230,081
JFE STEEL CORPORATION	2,332,953	LAFFLER, THOMAS G.	2,111,962	MATSUTA, TOYOHICO	2,230,081
JOHNSON & JOHNSON		LAMANNA, RICHARD J.	2,249,549	MATSUURA, ICHIRO	2,114,338
VISION PRODUCTS, INC.	2,084,634	LANGLEY, ANDREW	2,207,224	MATSUURA, RYUJI	2,230,081
JOHNSON, CLARENCE A.	2,334,415	LAPEYRE, ROBERT S.	2,358,424	MCCLURE, RICHARD C.	2,131,975
JOHNSON, JEFFREY EDWIN	2,290,560	LARSSON, NILS HAKAN		MCCORMICK, STEPHEN	2,331,119
JOHNSON, LARRY D.	2,151,413	IVAR	2,180,647	MCDANIEL, DARIN	2,320,750
JOHNSON, WILLIAM B.	2,119,603	LAVALLEE, ERIC	2,197,400	MCDERMOTT	
JOINT TECHNOLOGY		LAWLIS, VIRGIL BRYAN, JR.	2,096,347	TECHNOLOGY, INC.	2,384,694
CORPORATION	2,253,744	LAWS, MIA L.	2,308,281	MCDONOUGH, WILLIAM P.	2,330,940
JONES, RONALD	2,135,292	LEAVITT, FREDERICK		MCMASTER UNIVERSITY	2,099,727
JUDGE, RUPINDER	2,322,238	WELLS	2,274,471	MCMICHAEL, JOHN	2,323,213
JUNINO, ALEX	2,053,352	LEE, LYNDON CHI-HANG	2,296,061	MEATECH PTY LTD	2,156,242
JUNKER, ERWIN	2,338,362	LEFEBVRE, KENNETH E.	2,089,137	MEDINOL, LTD.	2,290,889
JUNKER, WARREN ROBERT	2,058,335	LEGASTELOIS, ISABELLE		MEDIZINTECHNIK GMBH	2,287,107
K + S		CHRISTINE MARIE-		MEHNERT, DAVID WEBB	2,240,712
AKTIENGESELLSCHAFT	2,221,040	ANDRE	2,116,355	MEIJER, CHRISTOPHORUS	
KAESEMEYER, WAYNE H.	2,201,784	LENZ, KEVIN	2,308,420	JOANNES LAMBERTUS	
KANE, MICHAEL SCOTT	2,274,471	LEUNG-TACK, PATRICIA	2,116,355	MARIA	2,074,069
KARLSEN, JOHNNY	2,233,679	LEVEL S.P.A.	2,125,850	MEMBEX, INC.	2,327,659
KARLSSON, JAN	2,171,209	LEVENSON, ERIC O.	2,319,018	MERCURI, ENRICO	2,156,242
KASER, BEDA	2,093,551	LEVETT, PHILIP CHARLES	2,285,733	MERIAL	2,116,355
KATZER, MATTHEW A.	2,330,931	LICHT, ELKE	2,166,317	MERKLE, HOLGER JR.	2,162,898
KAWASAKI KASEI		LIN, PEI-YING	2,451,544	MERSCH, PATRICK	2,414,417
CHEMICALS LTD.	2,131,575	LIN, SANTA H. (DECEASED)	2,311,193	MESSINGER, KOLEEN K.	2,285,794
KB ALLOYS, INC.	2,273,648	LINDNER, JURGEN	2,338,362	METCALF, STEPHEN CABOT	2,429,125
KEHNE, HEINZ	2,173,152	LION LABORATORIES		METCALF, STEPHEN CABOT	2,429,129
KELLY, JAMES H.	2,081,782	LIMITED	2,223,607	METROPHOTONICS INC.	2,350,267
KEMENCZY, ZOLTAN	2,363,930	LIU, STEPHEN S.	2,250,278	METSO PAPER INC.	2,260,534
KERRIGAN, GARY LEE	2,240,712	LOGAN, LEE R.	2,350,701	MEYNCKENS, JEAN-PIERRE	2,071,370
KHAN, NASSERULLAH	2,349,478	LOISY, JEAN MAURICE	2,232,169	MICHELONI, WALTER	2,125,850
KIKUCHI, MOTOKAZU	2,346,100	LONNBERG, BENTH	2,160,482	MIFAB, INC.	2,287,103
KIMBERLY-CLARK		L'OREAL	2,053,352	MILKHAUS LABORATORY,	
WORLDWIDE, INC.	2,091,096	L'OREAL	2,308,715	INC.	2,323,213
KIMBERLY-CLARK		L'OREAL	2,308,984	MILLIMAN, KEITH L.	2,131,975
WORLDWIDE, INC.	2,136,577	LSP PRODUCTS GROUP, INC.	2,325,515	MILNER, PETER GERARD	2,347,336
KIMOCK, FRED M.	2,141,536	LUCENT TECHNOLOGIES		MINNESOTA MINING AND	
KING, PAUL	2,223,607	INC.	2,322,238	MANUFACTURING	
KLEINBACH, EBERHARD	2,221,040	LUCENT TECHNOLOGIES		COMPANY	2,099,727
KLOFTA, THOMAS JAMES	2,292,624	INC.	2,322,404	MINNESOTA MINING AND	
KNAPP, BRADLEY J.	2,141,536	LUKACH, CARL A.	2,119,097	MANUFACTURING	
KNIGHT, DARREL C.	2,397,926	LUKEY, RODERICK	2,252,160	COMPANY	2,112,694
KNOLL		LUMENIDS, LTD.	2,314,132		
AKTIENGESELLSCHAFT	2,198,781	M.H. DETRICK CO.	2,308,420		

## Index of Canadian Patents Issued August 24, 2004

MINNESOTA MINING AND MANUFACTURING COMPANY	2,178,473	O'CONNOR, JASON	2,359,293	REMCO TECHNOLOGIES, INC.	2,330,287
MITCHELL, JERRY P.	2,325,515	OFFICINE BIEFFEBI S.R.L.	2,119,433	REMISZEWSKI, STACY W.	2,293,711
MITCHELL, WILLIAM L.	2,265,468	OHCERA CO., LTD.	2,325,172	RESEARCH IN MOTION LIMITED	2,349,478
MITRA, SUMITA B.	2,112,694	OHKUMA, SHINJI	2,220,544	RESEARCH IN MOTION LIMITED	2,363,930
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,260,534	OLAUSSEN, LARS	2,236,479	RHONE-POULENC FILMS	2,159,271
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,263,516	OLIVERA, GUSTAVO H.	2,368,764	RICH, LEONARD G.	2,270,141
MIZIKOVSKY, SEMYON B.	2,322,404	OLSSON, RAY	2,347,336	RICHARD, JOEL	2,159,271
MOFFAT PTY LTD	2,218,613	OMEC S.P.A.	2,292,705	RICHARDS, WILLIAM	2,320,750
MORENO, MARIO	2,126,823	OMOFOMA, MATT A.	2,270,079	RIEDEL, BRIAN L.	2,292,096
MORETH, R. EDWARD	2,330,287	ORMECON GMBH	2,162,898	RILLING, KEN	2,099,727
MORGAN CHEMICAL PRODUCTS, INC.	2,141,536	OSBORN, THOMAS WARD III	2,292,624	RINDLIBACHER, ALFRED	2,105,723
MORINAGA MILK INDUSTRY CO., LTD.	2,346,100	OSBORNE, MARTIN	2,135,292	RINEHARDT, LAURIE A.	2,111,962
MORLEY, JOHN	2,065,051	OTSUKA, KIYOKAZU	2,327,919	RITOLA, EDWARD W.	2,089,436
MOTTET, LEON-PHILIPPE	2,071,370	OTT-DEMBROWSKI, SILVIA	2,198,781	RIVIERE, MICHEL EMILE ALBERT	2,116,355
MULLER, FRIEDRICH	2,291,162	O-TWO SYSTEMS INTERNATIONAL INC.	2,354,810	RIZZO, VINCE	2,320,750
MULLER, MICHAEL	2,265,317	OWENS-BROCKWAY GLASS CONTAINER INC.	2,214,949	ROBB, JOHN	2,092,239
MULLER, MICHAEL WOLFGANG	2,221,040	OWENS-BROCKWAY GLASS CONTAINER INC.	2,276,654	ROBERTS, RALPH R.	2,308,281
MURELLO, JOHANNES	2,360,090	OWENS-ILLINOIS CLOSURE INC.	2,247,033	ROBOVALVE AB	2,165,425
MURPHY, PATRICK M.	2,271,807	PALMER, MITCHELL J.	2,131,975	ROCKWELL SEMICONDUCTOR SYSTEMS, INC.	2,290,419
MURPHY, RALPH D.	2,384,694	PAMUKCU, RIFAT	2,258,013	ROGERS, JON E.	2,362,469
MURRAY, ALISON J.	2,151,413	PANKIW, IGOR	2,249,549	ROHM & HAAS COMPANY	2,381,688
MURRAY, ROBERT JAMES	2,305,850	PECATE, NICOLE	2,159,271	ROLCHIGO, PHILIP M.	2,327,659
MUSHO, MATTHEW K.	2,151,413	PECHINEY ELECTROMETALLURGIE	2,166,317	ROLLEASE, INC.	2,368,172
MUSSCHOOT, ALBERT	2,110,859	PEDLICK, JACK S.	2,417,170	ROLLEASE, INC.	2,373,251
NAGOYA, FUJIHARU	2,388,246	PEIN, ANDREAS	2,287,107	ROOT, KEVIN B.	2,214,476
NAGOYA, MITSUGU	2,294,659	PEM MANAGEMENT, INC.	2,330,940	ROSS, DANNA L.	2,178,473
NAKAO, KAZUNARI	2,313,122	PEPPER, RANDOLPH E. F.	2,318,224	ROTH, PHILIP M.	2,249,549
NAPOLITANO, TONY	2,252,160	PETERSSON, LARS	2,236,479	ROY, ANN C.	2,418,402
NARUO, KEN-ICHI	2,061,148	PETTIT, D. MARK	2,214,476	RUCHALA, KENNETH J.	2,368,764
NDUMU, DIVINE TAMAJONG	2,296,061	PFISTER, JURG ROLAND	2,347,336	S D INVESTMENTS LIMITED	2,135,292
NEC CORPORATION	2,327,919	PFIZER INC.	2,313,122	SAINT-GOBAIN ABRASIVES, INC.	2,322,421
NEMSER, STUART M.	2,097,614	PFIZER IRELAND PHARMACEUTICALS	2,285,733	SAITO, TOSHIZUMI	2,114,338
NEUHAUSMANN, THOMAS	2,335,517	PFIZER PRODUCTS INC.	2,290,252	SAKURAI, TATSUYA	2,131,575
NEW YORK AIR BRAKE CORPORATION	2,214,476	PHILLIPS, AARON R.	2,275,985	SANDBERG, LARS-OLOF	2,257,801
NEWMAN, MICHAEL D.	2,331,119	PIAZZA, GARY A.	2,258,013	SANDSTROM, RICHARD L.	2,198,714
NEWTON, RONALD O.	2,214,476	PIERCE, BRETT A.	2,214,476	SANNER, AXEL	2,083,651
NEXANS	2,252,984	PINCHASIK, GREGORY	2,290,889	SAVAGE, ROBERT C.	2,131,975
NG, TAT K.	2,191,848	PITNEY BOWES INC.	2,325,780	SAYER, MATTHEW EMMETT	2,135,303
NICHIHA CORPORATION	2,353,431	PLASTIC TECHNOLOGY, INC.	2,344,009	SCAMMELLS, PETER J.	2,347,336
NICHOLSON, JESSE M.	2,308,281	POLATIS LIMITED	2,396,540	SCHERING CORPORATION	2,293,711
NIEN MADE ENTERPRISE CO., LTD.	2,257,778	POLITO, ANTHONY JOHN	2,171,079	SCHLUMBERGER CANADA LIMITED	2,278,080
NIKAIKOH, HIDEYUKI	2,332,953	PRAXAIR S. T. TECHNOLOGY, INC.	2,300,625	SCHLUMBERGER CANADA LIMITED	2,318,224
NOEL, THIERRY	2,193,523	PRAXAIR TECHNOLOGY, INC.	2,274,471	SCHMIDT, JORG	2,198,781
NONOBE, YASUHIRO	2,270,860	PRINCELL, CHARLES M.	2,344,009	SCHREINER, GEORGE FREDERIC	2,347,336
NORSKAN INSTRUMENTS LTD.	2,239,563	PRISSETTE, MICHEL	2,159,271	SCHULTZ, ROBERT K.	2,178,473
NORTH AMERICAN LIGHTING, INC.	2,296,441	PRITCHETT, WAYNE W.	2,325,780	SCHULZE, MANFRED	2,166,317
NORTON, IAN TIMOTHY	2,194,385	PROBIAN, DIRK	2,265,317	SCHUSTER, ALFONS	2,265,317
NOTARO, FRANK	2,274,471	PROTEIN TECHNOLOGIES INTERNATIONAL INC.	2,311,193	SCHWARTZ, RICHARD F.	2,332,708
NOVAK, KEITH A.	2,356,569	PUGIA, MICHAEL J.	2,285,794	SCIMED LIFE SYSTEMS INC.	2,216,952
NUTTALL, JOHN	2,110,250	QUANTISCRIP INC.	2,197,400	SCOTT, GARRETT L.	2,214,949
NUVERA FUEL CELLS, INC.	2,265,468	RAMEY, BLAINE EDWARD	2,126,823	SCOTT, KENNETH R.	2,308,281
NWANA, HYACINTH SAMA	2,296,061	RANE, DINANATH F.	2,293,711	SEKO, CHISAKO	2,061,148
NYE, RICHARD V.	2,134,652	REHBERG, KARSTEN	2,274,276	SENN, ROBERT	2,105,723
OBINATA, JIRO	2,356,769	REINHARDT, KURT	2,320,750	SENSORMATIC ELECTRONICS CORPORATION	2,153,097

**Index des brevets canadiens délivrés  
24 août 2004**

SEPRACOR INC.	2,065,051	TELEFONAKTIEBOLAGET	UK, SOLANG	2,105,723
SEPRACOR INC.	2,143,610	LM ERICSSON	UNILEVER PLC	2,194,385
SETTE, PAUL R.	2,325,780	TEMPERLEY, JOHN	UNILEVER PLC	2,259,537
SHANNON, ROBERT EDWARD	2,058,335	TESTART, GERARD	UNITED STATES SURGICAL CORPORATION	2,131,975
SHEPHERD, MICHAEL TREVOR	2,225,750	THALENFELD, DAVID R.	UNITED STATES SURGICAL CORPORATION	2,132,286
SHIBUYA, SATOSHI	2,332,953	THE BABCOCK & WILCOX COMPANY	UNITED STATES SURGICAL CORPORATION	2,132,387
SHIDARA, HIDEO	2,346,100	THE BOC GROUP, INC.	UNIVERSITY OF ARIZONA	2,258,013
SHIM, DONG SOO	2,357,680	THE BOEING COMPANY	UNIVERSITY OF FLORIDA RESEARCH	2,347,336
SHIMADA, KENJIRO	2,114,338	THE GENERAL HOSPITAL CORPORATION	VA TECH FERRANTI- PACKARD TRANSFORMERS LIMITED	2,252,984
SHOWALTER, WAYNE	2,320,750	THE GILLETTE COMPANY	VACHON, CLAUDE	2,388,578
SHPATER, PINHAS	2,220,807	THE GILLETTE COMPANY	VAIS, PHILIP G.	2,273,648
SIMMONS, SEAN B.	2,363,930	THE LAITRAM CORPORATION	VALIANT CORPORATION	2,271,807
SIMPSON, LESLIE AINSLEY	2,092,239	THE PROCTER & GAMBLE COMPANY	VALLOUREC MANNESMANN OIL & GAS FRANCE	2,193,523
SINGER, DAVID A.	2,311,193	THE SHERWIN-WILLIAMS COMPANY	VALMET PANELBOARD GMBH	2,322,418
SINN, RICHARD E.	2,214,476	THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUC ATION ON BEHALF OF OREGON HEALTH SCIENCES UNIVERSITY	VAN AMERONGEN, MARNIX P.	2,259,537
SLOAN, RICHARD A., JR.	2,325,780	THE UNIVERSITY OF SYDNEY	VAN BEMMEL, PETER P.	2,318,224
SMITH, JOSHUA R.	2,253,603	THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION	VAN DEN BRULE, ADRIANUS JOHANNES CHRISTIAAN	2,074,069
SNAP-ON INCORPORATED	2,138,338	THEURER, JOSEF	VAUGHN, JAMES H.	2,276,654
SNECMA MOTEURS	2,232,169	THIELMAN, W. SCOTT	VENTANA MEDICAL SYSTEMS, INC.	2,320,750
SNIJDERS, PETRUS JOSEPHUS FERDINANDUS	2,074,069	THIJSSSEN, JOHANNES H.J.	VERIZON LABORATORIES INC.	2,250,278
SOLER, MILTON A.	2,322,404	THOMAS, ROGER	VERSTREKEN, PAUL CLEMENT	2,158,719
SOLOMON, NATALIE A.	2,111,962	THYSSEN KRUPP STAHL AG	VEYRAT, DIDIER	2,159,271
SONOCO PRODUCTS COMPANY	2,290,560	TIGERCAT INDUSTRIES INC.	VOKEY, DAVID E.	2,239,563
SORRENTINO, GREGORY	2,132,286	TIMMONS, WILLIAM WILBERT	W.R. GRACE & CO.-CONN.	2,284,579
SPEHL, GERHARD	2,258,013	TIOXIDE GROUP SERVICES LIMITED	WADSWORTH, LARRY C.	2,106,372
ST. CYR, JOHN	2,334,415	TITFLEX CORPORATION	WAGMAN, DAVID WOLFE	2,173,626
ST. JOHN, ROBERT A.	2,135,114	TIW CORPORATION	WAGNER, GEBHARD	2,166,317
STEVENS, RODNEY WILLIAM	2,313,122	TOLFREE, ROGER KEITH	WAIBLINGER, HANS	2,198,781
STEWART, ALAN BARNARD STICHTING RESEARCHFONDS PATHOLOGIE	2,274,471	TOMITA, YASUOKI	WAKAO, SHOJI	2,346,100
STOGNER, HUEY	2,122,622	TOMKO, REVATHI R.	WALBOOMERS, JAN MARCUS MARIA	2,074,069
STRUNK, JOHN T.	2,292,096	TOUJOU, HIROFUMI	WALEH, AHMAD	2,319,018
STUPAR, JEFFREY M.	2,302,878	TOVEY, H. JONATHAN	WALKER, HERMAN BRADLEY	2,089,968
STURIES, JENS	2,274,276	TOYO KOHAN CO., LTD.	WALLACE, J. KENNETH	2,247,033
SUENAGA, KIYOSHI	2,263,516	TOYOTA JIDOSHA KABUSHIKI KAISHA	WANG, WEI-CHENG	2,257,778
SUGAHARA, ANDY	2,313,344	TRANSWITCH CORPORATION	WATANABE, MORIMICHI	2,353,431
SUGURO, AKIHIRO	2,233,600	TRIBBEY, SCOTT A.	WEBSTER, RONALD B.	2,270,141
SUMITOMO METAL INDUSTRIES, LTD.	2,193,523	TRION INDUSTRIES, INC.	WEICHMANN, ARMIN	2,265,317
SUMNER, ROGER A.	2,290,419	TROTТА, ROBERT ANTHONY	WELDLE, HELMUT	2,360,090
SUNATORI, GO SIMON	2,289,991	TROTТА, ROBERT ANTHONY	WENNBERG, OLLE	2,236,479
SWANSON, ROY E., JR.	2,350,858	TSAI, JAMES T.	WERNQVIST, ANDERS	2,236,479
SYNGENTA PARTICIPATIONS AG	2,105,723	TZOU, TSI-ZONG	WESS, GUNTHER	2,098,256
TABANOU, JACQUES R.	2,278,080	U.S. NATURAL RESOURCES, INC.	WESSLING, BERNHARD	2,162,898
TAKEDA CHEMICAL INDUSTRIES, LTD.	2,061,148	UDDENFELDT, JAN	WESTINGHOUSE ELECTRIC CORPORATION	2,058,335
TAMKO ROOFING PRODUCTS, INC.	2,275,985	UEDA, KIYOSHI	WHEAT, RONALD A.	2,296,441
TANG, JIAN ZHENG	2,201,897		WHITESIDE, MICHAEL J.	2,287,103
TECUMSEH PRODUCTS COMPANY	2,356,569		WIDERSTROM, CARIN	2,171,209
TELCORDIA TECHNOLOGIES, INC.	2,378,839		WILLETT, PAUL EATON	2,218,613
TELEFONAKTIEBOLAGET LM ERICSSON	2,233,679			
TELEFONAKTIEBOLAGET LM ERICSSON	2,246,432			

**Index of Canadian Patents Issued  
August 24, 2004**

WILLMS, LOTHAR	2,173,152
WISCONSIN ALUMNI RESEARCH FOUNDATION	2,368,764
WITTENBERG, RON LEO	2,292,951
WOJCIK THADDEUS	2,332,708
WOLFF, HEINZ-PETER	2,322,418
WONG, THEODORE M.	2,311,193
WOOSLEY, RAYMOND L.	2,143,610
WORRICK, CHARLES BRIDGHAM III	2,429,125
WORRICK, CHARLES BRIDGHAM III	2,429,129
WRIGHT, ERIC C.	2,214,476
WU, HUI	2,332,708
YAMAGUCHI, TAKASHI	2,230,081
YAMAJANY (SARL)	2,414,417
YAMANE, KEIJI	2,270,860
YAMATAKE CORPORATION	2,319,570
YONEDA, MASAYUKI	2,319,570
YOSHIMURA, JOJI	2,270,860
ZAİKOS, WILLIAM JOHN	2,240,712
ZAMUNER, FRANK	2,338,949
ZAPICO, JOSE	2,119,097
ZUMBACH ELECTRONIC AG	2,093,551
ZWANENBURG, AREND	2,259,537

# Index of Canadian Applications Open to Public Inspection

August 1, 2004 to August 7, 2004

## Index des demandes canadiennes mises à la disponibilité du public

1 août 2004 au 7 août 2004

9090-3493 QUEBEC INC.	2,445,194	BROWN, GREGORY H.	2,438,071	COURTEMANCHE, DENIS	2,418,556
AB SKF	2,455,198	BRYAN, DAVID	2,418,403	COURTEMANCHE, DENIS	2,456,887
ACKER, DEAN M.J.	2,455,252	BRYANT, MARK A.	2,456,365	COUSHAINÉ, CHARLES M.	2,452,190
ACKER, DEAN M.J.	2,456,602	BUCKEYÉ INTERNATIONAL, INC.	2,447,997	CRYSTAL SPRING COLONY FARMS LTD.	2,430,783
ANDERSON, JAYCE S.	2,451,695	BUDZ, GREGORY D.	2,456,492	CULHAM, ARTHUR JOSEPH	2,454,491
ANDERSON, PERRY	2,445,194	BUNN, ARTHUR H.	2,457,244	CUNHA, J. FRANK	2,456,628
ARMSTRONG, RICHARD JAMES	2,418,397	BUNN-O-MATIC CORPORATION	2,457,244	CUSICK, MICHAEL J.	2,456,613
ARMSTRONG, RONALD B.	2,454,941	BUONANNO, JOHN	2,457,484	DANNHORN, WOLFGANG	2,456,793
ARMSTRONG, SHEILA MARY	2,454,941	BURNS, JAMES P.	2,456,800	DEERE & COMPANY	2,456,656
ATOFINA	2,456,668	BUSCHBECK, FRANK	2,455,198	DEERE & COMPANY	2,456,747
AUCLAIR, MICHEL J. L.	2,418,021	CALS-GRIERSON, MARIE- MADELEINE	2,456,031	DEHBI, MOHAMMED	2,457,220
AUTRONIC PLASTICS, INC.	2,456,995	CALS-GRIERSON, MARIE- MADELEINE	2,456,035	DENSO CORPORATION	2,456,788
AVAYA TECHNOLOGY CORP.	2,454,980	CAMERON, DAVID ROBERT	2,454,129	DESLONGCHAMPS, PIERRE	2,418,458
AVENTIS BEHRING GMBH	2,457,105	CAMOPLAST INC.	2,418,556	DI CESARE, PAUL	2,457,484
AYRES, CATHERINE	2,457,231	CAMOPLAST INC.	2,456,887	DI PEDE, SANDRO	2,418,498
BAKER, SCOTT	2,418,585	CAMPAU, DANIEL N.	2,455,699	DICK, THORSTEN	2,456,511
BARKER, DONALD	2,457,005	CAMPLAIR, DOUGLAS JOCK	2,418,328	DIGITAL SECURITY CONTROLS LTD.	2,418,673
BATTLES, CHRISTOPHER AUSTIN	2,457,484	CARLSON, DENNIS DEAN	2,441,450	DINN, DON	2,418,387
BAUER MASCHINEN GMBH	2,456,899	CARLSON, JEFFREY ADAM	2,418,328	DOHERTY, ADEDAYO OLADIPO	2,456,826
BAUER, SEBASTIAN	2,456,899	CARNEY, BRIAN P.	2,457,160	DOUGLAS, THOMAS D.A.	2,456,476
BAYER AKTIENGESELLSCHAFT	2,456,518	CASHMAN, SANDRA L.	2,457,231	DU PONT CANADA INC.	2,418,582
BAYER HEALTHCARE LLC	2,455,669	CERTAINTÉED CORPORATION	2,456,947	DUBLE, P. BRYAN	2,456,628
BEAUBIEN, SYLVIE	2,418,458	CHAFE, PAUL C.	2,418,082	DUBOW, MICHAEL	2,457,220
BEHAGUE, MAURICE	2,454,482	CHAMPION, DAVID	2,446,665	DUDEK, STANLEY	2,418,264
BEHAGUE, MAURICE	2,456,357	CHAN, DAVID Y.	2,456,647	DUSABLON, JEAN-GUY	2,417,978
BEHR SYSTEMS, INC.	2,456,891	CHEN, WEN-SHERNG	2,456,826	DZIERZBICKI, THADDEUS S.	2,456,651
BELANGER, CHRISTIAN	2,417,976	CHEUNG, TAK SHUN	2,418,674	EATON CORPORATION	2,456,605
BENDER, CHARLES FREDERICK	2,454,491	CHEUNG, TAK SHUN	2,427,158	EATON CORPORATION	2,457,512
BENSON, ROBERT A.C.	2,454,129	CHRISTENSEN, BRUCE J.	2,420,578	EBERLE, HARRY W., III	2,418,569
BERGERON, DOMINIQUE	2,457,220	CHRISTIANS, NICK	2,418,213	ELLIOT, JOHN EDWARD	2,418,551
BERGERON, MARIO	2,418,546	CLOSURE MEDICAL CORPORATION	2,457,248	ELLIOT, JOHN EDWARD	2,457,505
BERKIN, DEFNE	2,418,582	COCHRAN, BRADLEY	2,449,327	ELLIPTIC SEMICONDUCTOR	2,456,945
BETZ, STEFAN	2,456,511	CODMAN & SHURTLEFF, INC.	2,457,484	ELLIS, WALTER B.	2,455,785
BOC INC.	2,455,785	COELHO, DONALD A., JR.	2,457,484	ENI S.P.A.	2,456,497
BOGARDI, JEAN-PHILIPPE	2,456,695	COGISCAN INC.	2,418,567	EPOCH COMPOSITE PRODUCTS, INC.	2,441,450
BOMBARDIER-NORDTRAC OY	2,454,844	COM DEV LTD.	2,453,058	F. HOFFMANN-LA ROCHE AG	2,456,342
BOMBARDIER-ROTAX GMBH & CO. KG.	2,454,846	CONSORTIUM FUER ELEKTROCHEMISCHE INDUSTRIE GMBH	2,456,483	F. HOFFMANN-LA ROCHE AG	2,456,695
BOMBARDIER-ROTAX GMBH & CO. KG.	2,457,122	COOK, KEVIN S.	2,455,252	FALLER, ALEXANDER	2,456,784
BONGINI, DINO	2,456,412	CORNARO, UGO	2,456,497	FANN, BILLIE RAY	2,456,636
BORZA, MICHAEL	2,456,945	CORNELSSSEN, MICHAEL JAMES	2,454,857	FANN, BILLIE RAY	2,456,638
BOULOUEDNINE, MOURAD	2,456,784	CORPORATION IMFINE CANADA INC.	2,418,497	FARLING, TOBY	2,455,382
BRAND, PETER	2,418,551	CORTEZ, EDWARD E.	2,456,800	FARQUHARSON, KEITH DAVID	2,454,857
BRAND, PETER	2,457,505	COTTER, WILLIAM M.	2,457,248	FARQUHARSON, KEITH DAVID	2,457,217
BROCK, LORI R.	2,450,294	COUGHLIN, CHRISTOPHER	2,454,438	FARRINGTON, STEPHEN A.	2,420,578
BRODEUR, JEAN	2,418,020			FEIMER, JOSEPH LOUIS	2,456,491
BROLLEY, KATHERINE J.	2,417,557			FEINBERG, ARNOLD S.	2,454,438
				FENG, ZHIDE	2,423,826

**Index of Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

FERRIERA, DANIEL PAUL	2,457,484	HERA, HYDROGEN		KENDRO LABORATORY	
FIESTA BARBEQUES		STORAGE SYSTEMS INC.		PRODUCTS GMBH	2,456,511
LIMITED	2,418,515		2,456,823	KERSHAW, THOMAS N.	2,456,492
FIESTA BARBEQUES		HERAEUS KULZER GMBH &		KEUNG, KWONG KWOK	2,456,995
LIMITED	2,435,868	CO. KG	2,455,468	KEUNING, TIMOTHY J.	2,456,995
FINK, RONALD G.	2,455,785	HERESCO-LEVY, URIEL	2,454,337	KHALAF, CHARBEL C. K.	2,419,268
FIRST PEOPLES' CULTURAL		HERMAN, GREGORY S.	2,446,665	KIM, JUNG-JIN	2,454,483
FOUNDATION	2,418,551	HEWLETT-PACKARD		KIM, JUNG-JIN	2,454,486
FIRST PEOPLES' CULTURAL		DEVELOPMENT		KLEINSASSER, JONATHAN	2,430,783
FOUNDATION	2,457,505	COMPANY, L.P.	2,446,665	KLOHR, ERIK-ANDREAS	2,456,793
FIRST PRINCIPLES, INC.	2,454,979	HEZEL, THOMAS	2,456,891	KNOLL, PAUL	2,456,686
FITZSIMMONS, WILLIAM T.	2,456,803	HODOREK, ROBERT A.	2,455,382	KOCH, STEPHEN A.	2,456,947
FLETCHER, BRIAN STEWART		HOENES, JOACHIM	2,456,342	KOITHAN, THOMAS	2,457,078
	2,456,428	HOLZLEITNER, JOHANN	2,457,122	KONDO, MASAOKI	2,456,405
FLOW-RITE CONTROLS, LTD.		HONDA MOTOR CO., LTD.	2,456,770	KORDASS, BERND	2,455,468
	2,455,699	HORN, CARINA	2,456,342	KORENJAK, NORBERT	2,454,846
FORT JAMES CORPORATION	2,456,492	HORSLEY PETER B.	2,418,013	KOTSOS, TONY JOHN	2,454,491
FORT JAMES CORPORATION	2,456,803	HOURY, KENNETH J.	2,450,325	KOUCHIYAMA, SATOSHI	2,456,788
FOURNIER, FREDERIQUE	2,456,596	HOWMEDICA OSTEONICS		KRAFT FOODS HOLDINGS,	
FRAZIER, BRENT	2,456,880	CORP.	2,456,613	INC.	2,456,826
FUNK, ROBERT	2,418,518	HUAI, QING	2,454,572	KREBS, ROBERT D.	2,456,602
GAERTNER, CHRISTIAN	2,455,468	HUNTER FAN COMPANY	2,456,800	KROGAN, CRAIG	2,455,173
GAGNON, FRANCOIS	2,444,849	HUYNH, RICHARD VITAI	2,454,491	KRONTHALER, ULRICH	2,457,105
GAMAYUNOV, IGOR	2,456,945	HYDRO-QUEBEC	2,418,473	KRUEGER, STEVEN E.	2,451,695
GAO, SONG	2,456,826	HYPERTRONICS		KULL, ARNE-HENNING	2,456,793
GARBER, THOMAS A.	2,450,325	CORPORATION	2,454,438	KUNKEL, DAVID PHILLIP	2,456,686
GERMANO, VICTOR V.	2,457,238	IMPERIAL OIL	2,456,491	KUSEL, HEINZ	2,454,846
GERSHEN, BERNARD J.	2,456,647	INSTITUT FRANCAIS DU		KUSS, JEFFREY J.	2,456,850
GIEBELHAUS, KIM	2,456,874	PETROLE	2,456,596	KUWAYAMA, TAKASHI	2,456,770
GLEASON, JAMES G.	2,457,005	INSTITUT NATIONAL DE LA		KWASNIEWSKI, NATHAN	2,457,217
GLEASON, KENNETH R.	2,457,005	RECHERCHE		KWIATKOWSKI, REGINA	2,453,058
GOBLE, E. MARLOWE	2,456,997	SCIENTIFIQUE	2,418,546	KWON, YONG-SIK	2,454,483
GODBOUT, MICHEL	2,417,981	INTERWRAP INC.	2,418,498	KWON, YONG-SIK	2,454,486
GODBOUT, STEVE	2,417,981	INTIER AUTOMOTIVE INC.	2,456,880	LACZKO, DALE	2,418,051
GOINS, GARRETT LEE	2,456,656	INVENTIO AG	2,456,627	LAM, TONY M.	2,454,857
GOLDMAN, STUART	2,456,618	INVENTIO AG	2,456,890	LANEUVILLE, PATRICK	2,418,133
GOMEZ, STEVE R.	2,456,812	ISHIZAKI PRESS KOGYO CO.,		LAPIERRE, DONALD	2,418,298
GOODMAN, JACK	2,457,248	LTD.	2,456,745	LARAMEE, GERALD E. J.	2,418,518
GOTTSCHALK, MICHAEL J.	2,440,125	ISHIZAKI, MORIO	2,456,745	LARAMEE, GERALD E. J.	2,430,783
GOUDALIEZ, FRANCIS	2,454,482	IT'S ACADEMIC OF ILLINOIS,		LAROCQUE, DANIEL	2,456,337
GOUDALIEZ, FRANCIS	2,456,357	INC.	2,440,611	LAVOIE, SCOTT	2,456,880
GRANT, REYNELL	2,456,826	JACOBS, WILLIAM J.	2,456,803	LAVRUT, ERIC	2,456,812
GRILLIOT, MARY I.	2,427,971	JAROSINSKI, STEVE JON	2,456,686	LAWLOR, LAWRENCE J.	2,456,491
GRILLIOT, WILLIAM L.	2,427,971	JAVITT, DANIEL C.	2,454,337	LAX, MICHAEL R.	2,456,995
GRIMM, JAMES E.	2,455,252	JENKINS, ROBERT L.	2,456,947	LAZAR, SCOTT	2,455,382
GRIMM, JAMES E.	2,455,356	JENNINGS, JACK D.	2,456,365	LECLERC, GAETAN	2,418,686
GRIMM, JAMES E.	2,455,374	JEONG, JIN-HEE	2,454,483	LECLERC, GAETAN	2,457,216
GROESCHL, MARTIN	2,455,198	JEONG, JIN-HEE	2,454,486	LEDU, YVES	2,456,668
GROS, PHILIPPE	2,457,220	JOHNSON HI-TECH		LEGER, LYNN	2,418,582
GUARALDO, DENIS	2,456,663	(AUSTRALIA) PTY LTD	2,456,472	LEGER, MICHAEL	2,418,213
GUTELIUS, PATRICK	2,457,484	JOHNSON, RICHARD JOHN	2,456,472	LEMIEUX, PATRICK	2,418,497
HAMILTON, NEIL	2,456,945	JOLICOEUR, CARMEL R.	2,454,129	LENHARD, MITCHEL	2,456,461
HANS, REICH	2,457,122	JOLITZ, RANDAL J.	2,441,450	LEPAGE, MARCO	2,418,473
HARALA, GREGORY M.	2,443,087	JONES-HAMILTON CO.	2,457,210	LEVITON MANUFACTURING	
HARRIS, KIM	2,456,638	JONN, JERRY Y.	2,457,248	CO., INC.	2,456,647
HARTWIG, JAMES J.	2,456,263	JOYCE, ROGER F.	2,457,005	LEWIS, CAMERON P.	2,419,882
HAUSER, HANS-PETER	2,457,105	JUDET, MAURICE GUY	2,456,589	LIANG, GUOXIAN	2,418,332
HEDGPETH, DANIEL L.	2,457,248	JUHL, HANS-JUERGEN	2,456,793	LIANG, GUOXIAN	2,456,823
HEIN, STEFFEN	2,456,891	JUSTIN, DANIEL F.	2,456,997	LIAS, EDWARD E.	2,457,512
HEINE, WILHELM	2,422,347	KALKANOGLU, HUSNU M.	2,456,947	LIBERTI, MICHAEL A.	2,456,365
HENNING, JOHANN	2,456,845	KANALLY, TOM	2,454,438	LIBOHOVA, AGJAH I.	2,456,995
HERA, HYDROGEN		KANDA, YASUTAKA	2,456,896	LONG, JOHN ROBERT	2,418,674
STORAGE SYSTEMS INC.	2,418,332	KANTE, ADAME	2,456,812	LONG, JOHN ROBERT	2,427,158
		KARSTENMANUFACTURING		L'OREAL	2,456,031
		CORPORATION	2,456,612	L'OREAL	2,456,035
		KE, HENGMING	2,454,572	LOZIER, ANTONY J.	2,456,365

## Index des demandes canadiennes mises à la disponibilité du public

1 août 2004 au 7 août 2004

MACK TRUCKS, INC.	2,456,428	NAVA, PAOLO	2,453,927	ROSENBERG, GARY J.	2,451,695
MACO PHARMA	2,454,482	NEC TOKIN CORPORATION	2,445,893	ROSSI, PATRICK	2,456,589
MACO PHARMA	2,456,357	NEOKIMIA INC.	2,418,458	ROSSI, ROBERT	2,418,514
MAGNETO-INDUCTIVE SYSTEMS LIMITED	2,418,387	NICKEL, MIKE	2,456,874	ROTHWELL, HAROLD L., JR.	2,450,294
MAIER, THOMAS	2,456,483	NICKEL, RICHARD N.	2,456,874	ROY, NORMAND	2,418,017
MAKOFSKY, MARVIN A.	2,418,571	NILSSEN, RAY	2,456,638	ROYER, ANTHONY SCOTT	2,456,656
MANGOLD, DIETER	2,456,695	NISHIGAKI, KENJI	2,456,896	ROYER, JEAN-JACQUES	2,456,596
MARDILOVICH, PETER	2,446,665	NOETZEL, SIEGFRIED	2,456,695	RUBER, JENS	2,456,613
MARFURT, KAREN L.	2,455,669	NOONAN, JAMES THOMAS	2,456,656	SAMSUNG ELECTRONICS CO., LTD.	2,454,483
MARTENS, RALF	2,456,407	NORTON, DAVID G.	2,456,850	SAMSUNG ELECTRONICS CO., LTD.	2,454,486
MASON, PETER DONALD	2,454,491	NOVOSIS AG	2,456,895	SANCHEZ, RICHARD R.	2,456,612
MAURY, JULIEN	2,456,627	NUCLETRON B.V.	2,456,845	SANFILIPPO, DOMENICO	2,456,497
MAYE, KENNETH	2,419,608	NYBAKKE, KEITH G.	2,457,244	SANFORD, ADAM H.	2,455,382
MAYER, YARON	2,444,685	OLSON, BRIAN	2,418,566	SARAH HERZOG MEMORIAL HOSPITAL, EZRAT NASHIM ASSOCIATION	2,454,337
MAYER, YARON	2,457,957	OLSON, VINCENT T.	2,455,530	SASAKI, HIROSHI	2,445,893
MAYER, YARON	2,457,981	O'NEIL, JAMES	2,446,665	SASAKI, SHIGEAKI	2,456,896
MAYTAG CORPORATION	2,455,373	ORIHASHI, NOBUYUKI	2,456,405	SCHENK, DIRK	2,456,895
MAYTAG CORPORATION	2,456,263	OSRAM SYLVANIA INC.	2,450,294	SCHERUBEL, GARY A.	2,447,997
MBT HOLDING AG	2,420,578	OSRAM SYLVANIA INC.	2,452,190	SCHLESIGER, HARTWIG	2,456,793
MCCARTY, JOHN	2,457,220	PACELLI, NICOLAS J.	2,456,365	SCHLUMBERGER CANADA LIMITED	2,456,812
MCGINLEY, SHAWN E.	2,455,252	PAMA ENTERPRISES, INC.	2,418,571	SCHNEIDER NATIONAL, INC.	2,456,686
MCGINLEY, SHAWN E.	2,455,356	PARKER, JAMES	2,418,673	SCHOLTE, ALEXANDER MARTIN	2,454,980
MCGINLEY, SHAWN E.	2,455,374	PASCHINGER, FRIEDRICH	2,457,122	SCHULZ, ROBERT	2,418,332
MCGUIRE, BOB	2,457,217	PATENT-TREUHAND- GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	2,456,784	SCHULZ, ROBERT	2,456,823
MCKENZIE, JOHN R.	2,457,203	PATTERSON, JOHN DOUGLAS	2,451,506	SCHWARTZ, JEROME B.	2,418,571
MCKENZIE, STUART T.	2,418,515	PAYNE, DAVID ALAN	2,456,656	SCOTLAND, NIGEL	2,418,663
MCKENZIE, STUART T.	2,435,868	PEARSALL, CHARLES W.	2,455,785	SEARS, CHARLES W.	2,456,803
MCLEOD, SARAH	2,456,895	PELLETIER, FRANCOIS	2,418,382	SELECT INDUSTRIES LIMITED	2,418,264
MEADWESTVACO CORPORATION	2,457,231	PELLETIER, JERRY	2,457,220	SERGI, PAUL D.	2,447,185
MEARS, DANA	2,456,602	PFEIFFER, KERSTIN	2,456,483	SHAFFER, GREGORY R.	2,456,605
MEDICINELODGE, INC.	2,456,997	PHAGETECH INC.	2,457,220	SHAPIRO, DAVID	2,440,611
MELCHING, ACHIM	2,456,511	PILDNER, REINHART K.	2,418,673	SHARMAN, JEFFREY GORDON	2,454,129
MENCKE, LLOYDE	2,456,461	PIXELWORKS, INC.	2,418,310	SHERMAN, G. SCOTT	2,456,602
MERLONI ELETTRODOMESTICI S.P.A.	2,456,412	PIXELWORKS, INC.	2,418,412	SHOWERS, PERNELL	2,456,826
MESSIER-BUGATTI	2,456,663	PIXELWORKS, INC.	2,418,419	SIDWELL, STEVEN C.	2,452,190
MESZLENYI, IVAN	2,418,123	PLASTIC SAFETY SYSTEMS, INC.	2,438,071	SIEMENS, JOHN	2,418,663
MESZLENYI, STEPHEN	2,418,123	POLYSIUS AG	2,456,407	SISK, BILLY N.	2,456,365
METAL COATINGS INTERNATIONAL INC.	2,457,238	POULIOT, NICOLAS	2,418,473	SMI S.P.A.	2,453,927
METTLER, CHARLES M.	2,438,071	PRECISION DRILLING TECHNOLOGY SERVICES GROUP INC.	2,455,581	SMIDLER, FRANCIS STEVEN	2,456,686
MEYER, ELISABETH	2,456,895	PREISINGER, GERWIN	2,455,198	SMITH, FRANCIS V.	2,457,004
MIDDEN, WILLIAM E.	2,457,244	PROPAY USA, INC.	2,456,938	SNAMPROGETTI S.P.A.	2,456,497
MONTAMBAULT, SERGE	2,418,473	PROPS, DENNIS S.	2,455,373	SNECMA MOTEURS	2,456,589
MOODY, JOHN R.	2,456,492	PYYKONEN, TAPANI	2,454,844	SNIFF, WILLIAM R.	2,451,695
MOODY, JOHN R.	2,417,944	QUINTERO, JULIAN A.	2,457,248	SOCIETE CLAIRCELL- CLAIRCOM	2,418,470
MORNING PRIDE MANUFACTURING, L.L.C.	2,427,971	QUOIZEL, INC.	2,450,325	SOLHEIM, JOHN A.	2,456,612
MOSDAL, BRIAN THOMAS MT & T - MEDIA TRANSLATION AND TRANSPORTATION SERVICES INC.	2,456,656	RADUNSKY, VADIM	2,454,438	SOMMER, GEORG M.	2,456,891
MUCKENHUBER, WOLFGANG	2,457,122	RANIERE, KEITH A.	2,454,979	SPINKE, JUERGEN	2,456,342
MULLIGAN, SHARON A.	2,457,484	REIFENHAEUSER GMBH & CO. MASCHINENFABRIK	2,455,650	SPIRAL TECHNOLOGIES LIMITED	2,451,879
MURIN, PETER	2,456,877	REINHARDT, HEIKO	2,456,511	SPORT-SIGHT-INNOVATIONS INC.	2,456,476
MURPHY, BERNARD D.	2,457,210	RELLINGER, PETER	2,456,812	STANLEY, DAVID	2,418,986
NABCO LIMITED	2,456,896	RENDINA, DAVID D.	2,431,533	STEEL KING INDUSTRIES, INC.	2,451,695
NAMSYS INC.	2,418,663	RICHER-LAFLECHE, MARC	2,418,546	STEIN, THOMAS	2,457,157
NANIA, FRANK A.	2,454,438	ROBERT, PATRICE	2,456,668	STEINLAGE, DAVID LEE	2,456,656
NATCHEV, NIKOLAY	2,450,294	ROBLEY, SPENCER H., JR.	2,441,181		
		ROCHEM RO- WASSERBEHANDLUNG GMBH	2,422,347		

**Index of Canadian Applications Open to Public Inspection  
August 1, 2004 to August 7, 2004**

STEVENS, RICHARD BARRY	2,457,484	WEICHHOLDT, DIRK	2,456,747
STREAM-FLO INDUSTRIES LTD.	2,454,857	WEIMER, THOMAS	2,457,105
STREAM-FLO INDUSTRIES LTD.	2,457,217	WEISS, MICHAEL W.	2,456,686
STRMEN, JURAJ	2,454,129	WEISS, THOMAS	2,456,518
STUDHALTER, ERNST	2,456,890	WEIXLER, LEONHARD	2,456,899
STULL, JEFFREY O.	2,427,971	WESEMANN, MARTIN	2,456,638
SUGITA, NARUTOSHI	2,456,770	WHELAN, JOHN HENRY	2,457,217
SUGIURA, SEIJI	2,456,770	WHIPPLE, MICHAEL J.	2,457,512
SUGIYAMA, GERARD S.	2,417,948	WILKES, JOHN M.	2,418,453
SUZUKI, RYUGO	2,456,770	WILKES, W. BRADLEY	2,456,938
SZLACHTOWSKI, PATRICK D.	2,456,800	WINKLER, REINHOLD	2,455,650
TAILLANT, JEAN-CLAUDE	2,456,589	WINTERHALTER, CHRISTOPH	2,456,483
TANAKA, HIROYUKI	2,456,770	WISSINGER, WAYNE ELLSWORTH	2,456,428
TAREK, SIDNEY	2,419,608	WOESS, ANGELIKA	2,456,895
TECK SANG, SIAW	2,456,668	WOLBERS, PETER	2,456,793
TEKULVE, DANIEL R.	2,456,844	WOLFF CELLULOSICS GMBH & CO. KG	2,456,793
TEMBEC INDUSTRIES INC.	2,454,129	WOODALL, NEIL	2,418,310
TERAXION INC	2,418,382	WOODALL, NEIL	2,418,412
TESSNOW, THOMAS	2,452,190	WOODALL, NEIL	2,418,419
THE BILCO COMPANY	2,457,005	WRATHALL, PAUL	2,418,387
THE BOEING COMPANY	2,455,530	WREDENHAGEN, FINN G.	2,418,412
THE BOLER COMPANY	2,440,125	WRENCH EISLER, DORIS	2,418,393
THE GOODYEAR TIRE & RUBBER COMPANY	2,454,491	WRENCH EISLER, DORIS	2,418,394
THE RAYMOND CORPORATION	2,456,850	WU, JIAN-QUN	2,455,581
THE STANDARD REGISTER COMPANY	2,451,506	ZIMMER TECHNOLOGY, INC.	2,455,252
THE TRANZONIC COMPANIES	2,456,461	ZIMMER TECHNOLOGY, INC.	2,455,356
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2,454,572	ZIMMER TECHNOLOGY, INC.	2,455,374
THELAN, SARAH L.	2,456,365	ZIMMER TECHNOLOGY, INC.	2,455,382
THEWES, DIETER	2,455,650	ZIMMER TECHNOLOGY, INC.	2,456,365
TIMS, J. MICHAEL	2,457,231	ZIMMER TECHNOLOGY, INC.	2,456,602
TOYOTA JIDOSHA KABUSHIKI KAISHA	2,456,405	ZIMMERMAN, SCOTT	2,431,042
TRENT, ROBERT J.	2,451,879	ZIULKOWSKI, CHARLES DOYLE	2,441,450
TRIPLETT, DAVID	2,418,462		
ULINSKI, SCOTT T.	2,455,530		
UNIPLAST INDUSTRIES, INC.	2,456,618		
UNITED TECHNOLOGIES CORPORATION	2,456,628		
UNKNOWN	2,418,567		
VAUGHAN, STEVEN	2,418,548		
VERPOORT, THIERRY	2,454,482		
VERPOORT, THIERRY	2,456,357		
VIKING RANGE CORPORATION	2,456,636		
VIKING RANGE CORPORATION	2,456,638		
VINCENT, MICHEL	2,418,470		
VISSCHER, ARIE LUIITE	2,456,845		
VO VAN, ANDRE	2,418,382		
VOUTAY, OLIVIER	2,456,596		
WACH, LLOYD	2,418,566		
WADSWORTH, ALEXANDER PAUL	2,457,505		
WALACH, WIESLAW	2,455,650		
WEATHERFORD/LAMB, INC.	2,457,078		
WEBER, GUNTER	2,456,793		
WEBSTER, VINCENT	2,455,382		

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

3M INNOVATIVE PROPERTIES COMPANY	2,468,298	ALLDERIDGE, HEATHER	2,468,459	ASAHI KASEI KABUSHIKI KAISHA	2,467,923
3M INNOVATIVE PROPERTIES COMPANY	2,468,339	ALLEN, CHRISTINE	2,469,214	ASEPTICA, INC.	2,468,419
3M INNOVATIVE PROPERTIES COMPANY	2,468,659	ALLEN, JEAN-PHILIPPE	2,468,758	ASHWORTH, STEVEN	2,468,934
3M INNOVATIVE PROPERTIES COMPANY	2,468,699	ALTANA PHARMA AG	2,467,652	ASTRAZENECA AB	2,468,448
3M INNOVATIVE PROPERTIES COMPANY	2,468,870	ALUMINIUM PECHINEY	2,468,737	ASTRAZENECA AB	2,468,965
3M INNOVATIVE PROPERTIES COMPANY	2,469,064	AMRAM, NOAM	2,468,868	ASTRAZENECA AB	2,468,978
3M INNOVATIVE PROPERTIES COMPANY	2,469,095	ANADYS PHARMACEUTICALS, INC.	2,468,552	ATLAS COPCO ROCK DRILLS AB	2,469,029
3M INNOVATIVE PROPERTIES COMPANY	2,469,115	ANDERS, SIEGFRIED	2,468,914	ATOFINA	2,468,758
ABBOTT, PETER EDWARD JAMES	2,469,079	ANDERSEN, MARK	2,469,025	AUGER, FRANCOIS A.	2,470,554
ABE, KIYOFUMI	2,468,770	ANDERSON, RICHARD	2,467,486	AULANKO, ESKO	2,468,798
ABE, TAKASHI	2,468,869	ANDERSON, TOM	2,468,862	AVAYA TECHNOLOGY CORP.	2,468,841
ABELMAN, HENRY M.	2,468,852	ANDREAE, BRADLEY M.	2,469,219	AVENTIS PASTEUR	2,469,487
ABRAHAMSON, TIMOTHY A.	2,468,835	ANDREAE, BRADLEY S.	2,469,219	AVENTIS PHARMA DEUTSCHLAND GMBH	2,470,108
ACCENTURE GLOBAL SERVICES GMBH	2,468,736	ANDREAS, BERNARD	2,468,418	AVENTIS PHARMA S.A.	2,468,889
ACORDIS SPECIALITY FIBRES LIMITED	2,469,033	ANDREAS, BERNARD	2,469,123	AVERETT, DEVRON R.	2,468,552
ADAMS, LEE SIMON	2,469,037	ANDREAS, BERNARD	2,469,127	AVON PRODUCTS, INC.	2,471,165
ADAMS, LEE, SIMON	2,469,071	ANDREASEN, MICHAEL	2,469,479	BACEIREDO, ANTOINE	2,468,863
ADVANCED TECHNOLOGIES GROUP LIMITED	2,469,201	ANDREE, ROLAND	2,468,387	BACHOVCHIN, WILLIAM W.	2,468,192
AGARWAL, SEEMA	2,468,761	ANGEL, AIMEE B.	2,464,487	BAGGOT, JAMES L.	2,469,113
AGEJAS-CHICHARRO, JAVIER	2,469,278	ANGBAUD, PATRICK RENE	2,469,275	BAGGOT, JAMES L.	2,469,126
AGENSYS, INC.	2,469,161	ANKLIN, MARTIN	2,469,194	BAILEY, KATHY	2,468,989
AHUJA, NIDHI	2,469,671	ANNEN, MICHAEL J.	2,468,870	BAKER HUGHES INCORPORATED	2,468,729
AIRBUS FRANCE, SOCIETE PAR ACTIONS SIMPLIFIEE	2,468,820	ANTANE, MADELENE MIYOKO	2,469,021	BAKER HUGHES INCORPORATED	2,468,730
AITKEN, STEVEN	2,469,341	ANTICANCER, INC.	2,470,411	BAKER HUGHES INCORPORATED	2,468,731
AJINOMOTO CO., INC.	2,468,178	ANWYLL, EDWARD WILLIAM DREW	2,469,578	BAKER HUGHES INCORPORATED	2,468,735
AKAMATSU, NORIO	2,468,482	AOYAGI, KENICHI	2,469,475	BAKER HUGHES INCORPORATED	2,468,741
AKELLA, RAMA	2,470,571	APIMED MEDICAL HONEY LIMITED	2,469,033	BAKER HUGHES INCORPORATED	2,469,144
AKHVERDIAN, VALERY ZAVENOVICH	2,468,178	APPELBY, MARK W.	2,466,845	BAKER, GREGORY A.	2,469,185
AKINLADE, MONSURU OLATUNJI	2,468,859	APPLERA CORPORATION	2,469,197	BAKER, MATTHEW	2,468,501
AKITA, TAKASHI	2,470,174	APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.	2,468,826	BAKER, ROBERT WILLIAM	2,469,019
AKSELROD, MARK	2,469,199	APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.	2,469,075	BALOGH, ARISTOTLE NICHOLAS	2,472,014
ALCAN INTERNATIONAL LIMITED	2,469,184	ARALDI, GIAN LUCA	2,469,075	BARASH, SHLOMO	2,468,663
ALCON, INC.	2,468,749	ARCH CHEMICALS, INC.	2,469,164	BARASH, SHLOMO	2,468,868
ALDRIDGE, TONI K.	2,468,417	ARGHYRIS, LAURENT	2,469,268	BARBER, ROBERT T.	2,468,736
ALDRIDGE, WAYNE KENNETH ALEXION PHARMACEUTICALS, INC.	2,468,459	ARICHELL TECHNOLOGIES, INC.	2,469,182	BARBIER-CHASSEFIERE, VERONIQUE	2,468,759
ALGOS THERAPEUTICS, INC.	2,472,097	ARICHELL TECHNOLOGIES, INC.	2,469,189	BARNIDGE, DAVID R.	2,468,161
AL-HAJJ, MOHAMMAD	2,469,204	ARJO WIGGINS DESSIN ET PAPIERS FINS	2,469,016	BARR LABORATORIES, INC.	2,468,748
ALIVEPROMO INC.	2,469,211	ARNAL, YVES ALBAN-MARIE	2,468,760	BASF AKTIENGESELLSCHAFT	2,468,765
		AROL, JOSEPH	2,469,142	BATRA, SMRITI	2,469,671
		ARONHIME, JUDITH	2,468,728	BAUER, STEFAN	2,468,762
		ARONHIME, JUDITH	2,469,108	BAUM, CHARLES	2,468,839
		ARRISTA TECHNOLOGIES, INC.	2,468,931	BAUM, CHARLES	2,468,996
		ARSENAULT, CATHLEEN M.	2,469,064	BAUM, TAMMY L.	2,469,126
		ARTEVA TECHNOLOGIES S.A.R.L.	2,469,220	BAUSCH & LOMB, INCORPORATED	2,468,913
		ARVIDSSON, ULF N. G.	2,472,097	BAXTER HEALTHCARE S.A.	2,469,644
		ARVIN TECHNOLOGIES, INC.	2,468,995		
		ARYX THERAPEUTICS	2,469,200		

## Index of PCT Applications Entering the National Phase

BAXTER INTERNATIONAL INC.					
BAYER CROPSCIENCE AG	2,469,364	BRITISH		CF PHARMA	
BAYER CROPSCIENCE AG	2,468,387	TELECOMMUNICATIONS		GYOGYSZERGYARTO	
BAYER CROPSCIENCE AG	2,469,191	PUBLIC LIMITED		KFT.	2,468,426
BAYER CROPSCIENCE GMBH	2,469,017	COMPANY	2,468,904	CHACKALAMANNIL, SAMUEL	2,468,649
BAYER MATERIALSCIENCE AG		BROOKS, CLAYTON A., III	2,469,815	CHADHA, TEJBANS	2,468,864
	2,468,914	BROTHERS, LANCE E.	2,468,936	CHAKRAVARTY, LEENA	2,468,275
BEALS, JOHN MICHAEL	2,468,100	BROTHERS, LANCE E.	2,468,940	CHALLITA-EID, PIA M.	2,469,161
BEAN, MICHAEL J.	2,468,417	BROTZMAN, RICHARD W., JR.	2,469,335	CHAMBERLIN, MICHAEL A.	2,468,752
BEARD, DAVID R.	2,468,735	BROWN, JAMES D.	2,468,776	CHANEY, ADAM	2,468,921
BEATTIE, NEIL	2,468,294	BROWN, MARK L.	2,469,080	CHAPMAN, STEPHEN DAVID	2,468,738
BECKER, FREDERICK F.	2,468,862	BROWN, MARK L.	2,469,149	CHAPPELL, COLIN GRAHAM	2,468,795
BECTON, DICKINSON AND		BROWN, PATRICK W.	2,465,902	CHARLE, CHRISTOPH	2,468,409
COMPANY	2,468,187	BROWN, RICHARD K.	2,469,719	CHARLE, CHRISTOPH	2,468,411
BEHNKE, MARK LEO	2,469,138	BROWN, ROBERT H., JR.	2,468,431	CHAUHAN, VIBHA	2,469,671
BEIGELMAN, LEONID	2,471,421	BROX, OLAF	2,468,762	CHEKROUNE, HAKIM	2,468,889
BELL, ROBERT G.	2,468,748	BRUSHWOOD, DANIEL	2,469,145	CHEN, ANDREW-XIAN	2,469,119
BENGTSSON, JOHAN	2,468,764	BRYANT, ANDREW M.	2,469,064	CHEN, FELIX	2,470,512
BEN-MAIMON, CAROLE	2,468,748	BTU INTERNATIONAL, INC.	2,466,957	CHEN, JANE-JANE	2,469,679
BENNETT, FREDERICK J.	2,468,835	BUCELLATO, GINA M.	2,469,115	CHEN, LIHREN	2,469,138
BENNETT, JAMES P., JR.	2,468,747	BUCHNER, KARL-HEINZ	2,469,011	CHEN, QUIN-ZENE	2,468,761
BENTSEN, JAMES G.	2,469,095	BUCKMANN LABORATORIES		CHEN, YIHFAR	2,468,041
BERGERON, FRANCOIS	2,470,554	INTERNATIONAL, INC.	2,468,740	CHEN, YUNGRWEI	2,468,985
BERGHAUSER, KARIN	2,469,011	BUENO MELENDO, ANA BELEN		CHENG, HUAI N.	2,468,930
BERGOUIGNOU, MAURICE	2,468,758		2,469,278	CHENG, YUN-XING	2,468,978
BERNDORFF, DIETMAR	2,468,081	BURKOTH, TERRY L.	2,470,902	CHERVITZ, ALAN	2,468,871
BERTRAND, GUY	2,468,863	BURRY, JEAN-MICHEL	2,468,756	CHEVRON PHILLIPS	
BHATNAGAR, RAKESH	2,469,671	BURSTEIN TECHNOLOGIES,		CHEMICAL COMPANY LP	2,469,280
BIERINGER, HERMANN	2,469,017	INC.	2,468,041	CHEW, SUNMI	2,469,127
BILLET, GILLES	2,468,756	BUTLER, JIM	2,468,799	CHIP-MAN TECHNOLOGIES OY	2,469,041
BINETTE, MARK L.	2,468,990	BUTLER, ROSS	2,468,858	CHIRON CORPORATION	2,468,903
BIOCONTROL SYSTEMS, INC.	2,469,025	BYRNE, MICHAEL ANTHONY	2,469,158	CHIRON CORPORATION	2,469,049
BIOGEMMA	2,466,890	C.R. BARD, INC.	2,468,780	CHIU, TONY	2,468,750
BIOGENTIS INC.	2,470,554	CADBURY ADAMS USA LLC	2,469,156	CHIU, TONY	2,468,755
BIO-RAD LABORATORIES, INC.	2,468,750	CALLAWAY GOLF COMPANY	2,468,990	CHOBOTOV, MICHAEL V.	2,468,951
BIO-RAD LABORATORIES, INC.	2,468,755	CALLAWAY GOLF COMPANY	2,468,993	CHOBOTOV, MICHAEL V.	2,468,969
BISCHOF, DANIEL F.	2,469,364	CAMBRIDGE BIOPOLYMERS		CHOONOO, GRAHAM	2,469,285
BISHOP, BENJAMIN	2,468,800	LIMITED	2,468,795	CHRISTENSEN, JIM	2,469,025
BITTON, MARY KAY	2,468,726	CAMP, NICHOLAS PAUL	2,469,278	CHRISTENSEN, STEVEN L.	2,468,864
BLACK & DECKER INC.	2,468,857	CANADIAN BLOOD SERVICES	2,467,781	CHU, HO GIL	2,467,834
BLACK, ANNIE	2,469,611	CARDIOVASCULAR		CHUA, GIM GUAN	2,469,050
BLAHA, JIRKA	2,469,020	DIAGNOSTIC, INC.	2,469,458	CHVATCHKO, YOLANDE	2,468,826
BLANCHETTE, DAVID W.	2,469,164	CAREY, WILLIAM SEAN	2,468,866	CIBA SPECIALTY CHEMICALS	
BLANKENBAKER, JOHN	2,468,923	CARLOW, GEOFFREY F.	2,469,126	HOLDING INC.	2,468,831
BLUME, ARTHUR	2,468,125	CARLSON, PAUL ERIC	2,468,308	CIBA SPECIALTY CHEMICALS	
BOAND, WAYNE M.	2,468,339	CARR, FRANCIS J.	2,468,501	HOLDING INC.	2,469,269
BOARD OF REGENTS, THE		CARR, MICHELLE	2,468,741	CICMIL, MILENKO	2,470,696
UNIVERSITY OF TEXAS	2,468,862	CASABONA, MARIO M.	2,469,208	CIOCCA, CRISTINA	2,468,916
BOHLMANN, ROLF	2,468,412	CASKEY, PHILLIP ROY	2,469,033	CISCO TECHNOLOGY, INC.	2,468,566
BONDARENKO, SERGEY	2,468,663	CASTLE COLOURS LIMITED	2,469,090	CISCO TECHNOLOGY, INC.	2,468,864
BONDARENKO, SERGEY	2,468,868	CAUX, CHRISTOPHE	2,468,320	CLADER, JOHN W.	2,468,967
BONNARDEL, OLIVIER	2,468,737	CAVALETTI, LINDA	2,468,400	CLAPPER, DENNIS K.	2,468,741
BONNER, MATHEW D.	2,469,080	CAYOUILLE, MICHELLE	2,468,710	CLARK, CHRISTOPHER J.	2,468,860
BOR, ADAM	2,468,426	CELATOR TECHNOLOGIES INC.		CLARK, DAVID ANTHONY	2,468,459
BOSTON SCIENTIFIC LIMITED	2,468,959		2,469,214	CLARK, DOUGLAS S.	2,466,172
BOSTON SCIENTIFIC LIMITED	2,469,101	CELLECTRICON AB	2,468,424	CLARK, JAMES DONALD	2,469,138
BOSTON SCIENTIFIC LIMITED	2,469,195	CELLECTRICON AB	2,468,511	CLARKE, MICHAEL F.	2,469,204
BOUBY, BRUNO	2,469,324	CELLGATE, INC.	2,469,336	CLARKE, ROBERT L.	2,469,113
BOUDREAU, JOSEPH JUDE	2,468,899	CELLTECH R & D, INC.	2,466,845	CLARKE, ROBERT L.	2,469,122
BOUYGUES TELECOM	2,468,890	CENTERPULSE BIOLOGICS,		CLAYTON, ROGER H.	2,469,335
BOYARSKI, JOEL I.	2,468,669	INC.	2,470,571	CLEMENT, SIGRUN	2,468,348
BOYLE, CRAIG D.	2,468,649	CENTOCOR INC.	2,470,026	CLOYES GEAR AND	
BRADY, CONOR	2,468,921	CENTRE NATIONAL DE LA		PRODUCTS, INC.	2,468,973
BRADY, RICHARD LEE	2,468,866	RECHERCHE		COLAVOLPE, GIULIO	2,468,932
BRANDON, MALCOLM	2,468,986	SCIENTIFIQUE	2,468,760	COLE, DEREK CECIL	2,469,021
BRAY, ROGER	2,469,033	CENTRIC MEDIA, INC.	2,468,949	COLLIER, NICHOLAS	2,468,393
BRAZZELL, ROMULUS		CERATIZIT AUSTRIA		COLLINS, PETER L.	2,467,958
KIMBRO	2,468,811	GESELLSCHAFT M.B.H.	2,468,820	COLORADO STATE	
BRISSETTE, RENEE	2,468,125			UNIVERSITY	2,468,774
				COLORADO STATE	
				UNIVERSITY, THROUGH	

## Index des demandes PCT entrant en phase nationale

ITS AGENT, COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	2,468,772	DEEM, MARK E.	2,469,123	EIDON, LLC	2,468,954
COMINCO ENGINEERING SERVICES LTD.	2,468,855	DEEM, MARK E.	2,469,127	EKOS CORPORATION	2,468,835
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,466,890	DEFELIPPIS, MICHAEL ROSARIO	2,468,100	EKOS CORPORATION	2,468,975
CONSORTIUM NATIONAL DE RECHERCHE EN GENOMIQUE (CNRG)	2,470,083	DEFREES, SHAWN	2,468,230	ELAN PHARMACEUTICALS, INC.	2,469,130
CONSTANTINIDES, PANOS P.	2,468,845	DEGROOT, PAUL J.	2,469,159	ELECTRO SCIENTIFIC INDUSTRIES, INC.	2,469,520
CONTADINI, CARL D.	2,468,999	DEHMEL, ROMAN	2,469,073	ELECTRONIC THEATRE CONTROLS, INC.	2,466,884
COOK, SAM	2,468,834	DELABBIO, FREDRIC CHRISTOPHER	2,469,578	ELECTRO-RADIATION, INC.	2,469,208
COOPER TECHNOLOGY SERVICES, LLC	2,469,285	DELCLOS, CHRISTIAN	2,468,737	ELEMENT SIX LIMITED	2,469,150
COOPER, JACK R.	2,468,985	DELLARIA, JOSEPH F., JR.	2,468,659	ELI LILLY AND COMPANY	2,468,100
COOPER, MICHAEL ANDREW	2,469,150	DELTA AIR LINES, INC.	2,468,923	ELI LILLY AND COMPANY	2,468,846
COPELAND, DANIEL A.	2,467,572	DEMERS, M. LINETTE	2,468,743	ELI LILLY AND COMPANY	2,469,278
CORNEAL INDUSTRIE	2,468,757	DENG, FANG	2,469,024	ELLIOTT, BRENDA	2,469,285
CORRIS, GARY	2,470,512	DEPRES, GAEL	2,469,016	EMORY UNIVERSITY	2,469,147
COURTER, DAVID MICHAEL	2,470,523	DEVOE, ROBERT J.	2,469,095	EMULEX DESIGN & MANUFACTURING CORPORATION	2,468,799
COWELL, JAMES E.	2,468,852	DEZIEL, ROBERT	2,470,521	ENDRESS + HAUSER FLOWTEC AG	2,469,194
CRANE, JEFFREY	2,468,966	DGI BIOTECHNOLOGIES, INC.	2,468,125	ENZMINGER, JOSEPH R.	2,468,751
CREVECOEUR, HARRY	2,468,849	DI CARLO, JOSEPH B.	2,469,025	EPPINK, JAY M.	2,469,023
CREWDSON, BERNARD JOHN	2,469,079	DICKHAUT-BAYER, GUENTHER	2,469,043	ERDELEN, CHRISTOPH (DECEASED)	2,469,191
CROSWELL, WILLIAM F.	2,468,962	DIMARCHI, RICHARD DENNIS	2,468,100	ESCOBEDO, JAIME	2,468,903
CROW, ANDREW R.	2,467,781	DIMOCK, TIMOTHY B.	2,469,578	ESCOBEDO, JAIME	2,469,049
CROW, VAUGHAN LESLIE	2,468,905	DINKELBORG, LUDGER	2,468,081	ESHRAGHI, SOHEIL	2,467,085
CRUCCELL HOLLAND B.V.	2,468,957	DISENO DE SISTEMAS EN SILICIO, S.A.	2,468,918	ESKOLA, TIMO	2,469,065
CULOTTA, ANNE M.	2,468,936	DIVERSA CORPORATION	2,468,710	ETABLISSEMENTS BOURGOGNE ET GRASSET	2,468,976
CURRY, BRIAN JAMES	2,468,905	DIVINE, DWIGHT, III	2,469,185	EUNGARD, TODD D.	2,468,959
CUSH, RANDALL C.	2,468,417	DNAPRINT GENOMICS, INC.	2,468,570	EVANS, MICHAEL	2,469,090
CUTLER, DAVID L.	2,468,839	DOLITZKY, BEN-ZION	2,468,728	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,467,168
CUTLER, DAVID L.	2,468,996	DOR BIOPHARMA INC.	2,468,845	F. HOFFMAN-LA ROCHE AG	2,469,187
CUTLER, DONALD R.	2,469,520	DORDICK, JONATHAN S.	2,466,172	F. HOFFMANN-LA ROCHE AG	2,468,783
DAHMEN, PETER	2,468,387	DORN, BARBEL SUSANNE CHARLOTTE	2,469,150	F. HOFFMANN-LA ROCHE AG	2,468,927
DAIICHI SUNTORY PHARMA CO., LTD.	2,468,250	DOROSHENKO, VERA GEORGIEVNA	2,468,178	FALCON, ANITA M.	2,468,963
DALTON, JAMES T.	2,469,340	DOW AGROSCIENCES LLC	2,469,218	FAN, JUN	2,469,119
DAN, NORIHISA	2,469,269	DOW GLOBAL TECHNOLOGIES INC.	2,468,647	FANSLOW, WILLIAM C., III	2,469,472
DANA CORPORATION	2,468,752	DOW GLOBAL TECHNOLOGIES INC.	2,468,661	FARIS, MARY	2,469,161
DANIEL, THOMAS O.	2,469,472	DOW GLOBAL TECHNOLOGIES INC.	2,469,366	FARLEY, THOMAS WILLIAM DASHWOOD	2,469,184
DARBY, SCOTT A.	2,468,899	DOW GLOBAL TECHNOLOGIES INC.	2,470,523	FARRE, CECILIA	2,468,424
DAUB, DIETER	2,469,077	DOW GLOBAL TECHNOLOGIES INC.	2,469,019	FARRE, CECILIA	2,468,511
DAVID, ANDREW	2,468,923	DOW GLOBAL TECHNOLOGIES INC.	2,468,275	FARRELL, FRANCIS	2,468,499
DAVID, MOSES M.	2,469,115	DOW GLOBAL TECHNOLOGIES INC.	2,468,387	FEHR, CHARLES	2,468,231
DAVIDSON, GEOFFREY	2,468,858	DOW GLOBAL TECHNOLOGIES INC.	2,469,200	FELDSINE, PHILIP T.	2,469,025
DAVIS, ALICE	2,468,934	DOW GLOBAL TECHNOLOGIES INC.	2,468,968	FENAUX, MARTIJN	2,469,599
DAVIS, JOHN PHILLIP	2,468,729	DOW GLOBAL TECHNOLOGIES INC.	2,468,657	FENG, YUDING	2,469,285
DAVIS, MARK E.	2,465,860	DOW GLOBAL TECHNOLOGIES INC.	2,468,965	FERGUSON, TIMOTHY D.	2,469,126
DAWSON, MARCIA I.	2,468,745	DOW GLOBAL TECHNOLOGIES INC.	2,468,989	FERRELL, WILLIAM R.	2,469,607
DAY, SHANE ALISTAIR	2,469,072	DOW GLOBAL TECHNOLOGIES INC.	2,468,989	FERRO CORPORATION	2,468,911
DAYCO PRODUCTS, LLC	2,468,985	DOW GLOBAL TECHNOLOGIES INC.	2,468,962	FEUCHT, DIETER	2,468,387
DCA DESIGN INTERNATIONAL LIMITED	2,469,037	DOW GLOBAL TECHNOLOGIES INC.	2,468,820	FILIZOLA, DAVIDE	2,468,763
DCA DESIGN INTERNATIONAL LIMITED	2,469,070	DOW GLOBAL TECHNOLOGIES INC.	2,470,508	FINGER LAKES INTELLECTUAL PROPERTY, LLC	2,468,308
DCA DESIGN INTERNATIONAL LIMITED	2,469,071	DOW GLOBAL TECHNOLOGIES INC.	2,470,508	FINKBEINER, STEVEN	2,468,861
DCA DESIGN INTERNATIONAL LIMITED	2,469,072	E.I. DU PONT DE NEMOURS AND COMPANY	2,468,336	FIRMENICH SA	2,468,231
DE JONGHE, LUTGARD C.	2,468,666	E.I. DU PONT DE NEMOURS AND COMPANY	2,469,141	FIRST DATA CORPORATION	2,468,852
DE VREEDE, UNNO ADRIANUS	2,468,968	E.I. DU PONT DE NEMOURS AND COMPANY	2,469,475	FISCHER, REINER	2,469,191
DEAN, CHERYL	2,468,187	E2V TECHNOLOGIES LIMITED	2,469,341	FITCHETT, COLIN STANLEY	2,468,795
DEAN, JOHN J.	2,468,999	EBINA, KAZUYOSHI	2,468,869	FITZGERALD, JOHN	2,470,512
DEBENEDICTIS, MACH A.	2,469,220	ECHELON BIOSCIENCES INC.	2,468,275	FITZHENRY, JAMES W.	2,468,740
DEDOVA, OLGA	2,468,125	EDWARDS, JOHN	2,468,782	FLECKENSTEIN, THOMAS	2,469,277
		EIDENSCHINK, TRACEE E. J.	2,468,920	FLECKENSTEIN, THOMAS	2,469,282

## Index of PCT Applications Entering the National Phase

FLECKENSTEIN, THOMAS	2,469,308	GIBBINS, JONATHAN	2,470,696	HALLIBURTON ENERGY	
FLECKENSTEIN, THOMAS	2,469,319	GIBBS, WAYNE L.	2,466,957	SERVICES, INC.	2,469,023
FLECKENSTEIN, THOMAS	2,469,322	GIBSON, TRACEY ANN	2,468,846	HALLIBURTON ENERGY	
FLEXLIGHT NETWORKS LTD.	2,469,142	GIFFORD, HANSON S., III	2,469,127	SERVICES, INC.	2,469,168
FLUOR CORPORATION	2,469,153	GIFFORD, III, HANSON S.	2,469,123	HALLIDAY, WILLIAM S.	2,468,741
FOCUSGENOMICS GMBH	2,468,409	GILBERT, SARAH	2,467,486	HAMES, MARILYN PATRICA	
FOCUSGENOMICS GMBH	2,468,411	GILLBERG, JEFFREY M.	2,469,149	ANN	2,469,578
FOLEY, THOMAS J.	2,468,850	GILLMEIER, FRIEDRICH	2,469,272	HANSMANN, DOUGLAS R.	2,468,975
FONTANA, JOSEPH A.	2,468,745	GILMORE, JEREMY	2,469,278	HANSON, JOHN R.	2,469,113
FONTERRA CO-OPERATIVE		GINGER, DAVID S.	2,468,743	HANSSON, NEIL L.	2,468,699
GROUP LIMITED	2,468,905	GINGRICH, JOHN C.	2,468,736	HANSSON, PER	2,468,837
FORESTIERI, ENRICO	2,468,932	GLAXO GROUP LIMITED	2,469,019	HARALDSON, CHAD A.	2,468,659
FORNI, LUCIO	2,468,909	GLAZER, PETER M.	2,470,033	HARDY, STEPHEN F.	2,468,903
FORS, STEFAN	2,469,065	GLENN, BLAKE HENDERSON	2,469,156	HARDY, STEPHEN F.	2,469,049
FOWLER, PAUL	2,468,795	GLOVER, DANIEL E.	2,468,740	HARLOW, JAMES	2,468,963
FOWLES, MARTIN	2,469,079	GLYNN, BRIAN A.	2,468,951	HARRIMAN, GREGORY	2,468,197
FRALEY, MARK E.	2,468,156	GOERG, CHARLES H.	2,469,113	HARRINGTON, JOHN C.	2,468,866
FRALEY, MARK E.	2,468,266	GOETZE, ANDREW M.	2,469,815	HARRIS CORPORATION	2,468,962
FRANCIS, GEORGE		GOLDSTEIN, NEIL	2,468,125	HARRIS, ANTHONY WILLIAM	2,469,324
MCCHESNEY	2,468,459	GONZALEZ MORENO, JOSE		HART, BRIAN G.	2,468,740
FRAUNHOFER GESELSCHAFT		LUIS	2,468,918	HART, LUCY VULCHANOVA	2,472,097
ZUR FORDERUNG DER		GOODMAN FIELDER LIMITED	2,466,890	HARTMAN, GEORGE D.	2,468,156
ANGEWANDTEN		GOODSON, J. MICHAEL	2,469,136	HARTMANN, RUDOLF	2,469,382
FORSCHUNG E.V	2,468,762	GOODWIN, ANTHONY R. H.	2,470,512	HATTON, DAVID	2,468,419
FREEDMAN, JOHN	2,467,781	GORINGE, CHRISTOPHER M.	2,468,841	HAVEL, WILLIAM J.	2,469,159
FREEDOM INNOVATIONS		GORNY, RUEDIGER	2,468,914	HAWORTH, WILLIAM	
LIMITED	2,468,393	GOTTELAND, JEAN-PIERRE	2,468,826	FREDERICK, JR.	2,472,014
FRENCH, RON	2,468,418	GRAF, HANS-JOACHIM	2,469,285	HAYES, MICHELLE	2,468,905
FRENCH, RON	2,469,123	GRAVES, GORDON T.	2,468,751	HEBERER, DANIEL P.	2,468,661
FRENCH, RON	2,469,127	GREENE, GREGORY P.	2,469,182	HEBERT, JOHN EMILE	2,468,899
FRIEDMAN, MITCHELL A.	2,469,270	GREENE, GREGORY P.	2,469,189	HEDOUIN, CATHERINE	2,469,273
FRIESEN, ELWOOD DALEN		GREENLEE, WILLIAM J.	2,468,649	HEIDARAN, MOHAMMAD	2,468,187
GRANT	2,468,931	GRIFFIN, STEPHEN	2,469,195	HEINRICH, NIKOLAUS	2,468,412
FRIGG, ROBERT	2,469,008	GROEN, JOHAN	2,469,065	HEISER, WILLIAM C.	2,468,750
FRISK, JOSEPH W.	2,468,339	GROOTHUES, HERBERT	2,469,043	HEKIMIAN, GEORGES	2,469,334
FRITZSCH, BERTRAM	2,469,011	GROSS, DOROTHEA	2,468,771	HELL, JOHANN	2,469,272
FRUDAKIS, TONY NICK	2,468,570	GROSS, DOROTHEA	2,468,775	HELLENDORRN, KOEN	2,468,501
FUCHS, NORBERT	2,468,906	GROSSMAN, RACHEL	2,469,000	HELM AG	2,468,426
FUNDACIO DE GESTIO		GRZNDAR, DANNY	2,468,966	HEMOCUE AB	2,468,513
SANITARIA HOSPITAL		GTX INC.	2,469,340	HEPPNER, PHILIP D.	2,468,659
SANTA CREU	2,468,431	GU, QU-MING	2,468,930	HERBERS, KARIN	2,468,853
FURNER, PAUL E.	2,468,555	GUARDIAN INDUSTRIES CORP.		HERBERT, KAY	2,469,182
FURZER, JEREMY	2,468,960		2,469,479	HERBERT, KAY	2,469,189
FUTATSUKA, TAKAYUKI	2,469,022	GUEGGI, MARKUS	2,469,366	HERCULES INCORPORATED	2,468,866
GABERC POREKAR, VLADKA	2,469,984	GUEGGI, MARKUS	2,469,470	HERCULES INCORPORATED	2,468,930
GAILLARD, PASCALE	2,468,826	GUEST, ROBERT L.	2,468,963	HERCULES INCORPORATED	2,469,024
GALINDO, JOSE	2,468,231	GUILBERT, CURTIS R.	2,468,699	HESS, GUENTHER	2,469,272
GALL, DOUGLAS A.	2,465,902	GULER, FATIH	2,469,182	HIGSON, ADRIAN PETER	2,469,223
GALLARDO, EDUARDO	2,468,431	GULER, FATIH	2,469,189	HIGUCHI, TOSHIO	2,470,063
GAMACHE, DANIEL A.	2,468,749	GUNN, ALEXANDER F.	2,469,126	HILGER, CHRISTOPH-STEPHAN	
GAN, YAODONG	2,469,024	GUPTA, PANKAJ	2,469,671		2,468,081
GANDOLFO, PIERRE T.	2,468,779	GUSYATINER, MIKHAIL		HILL, ADRIAN	2,467,486
GARBACCIO, ROBERT M.	2,468,266	MARKOVICH	2,468,178	HILL, WALTER B., JR.	2,468,740
GARCIA, PABLO	2,468,903	GUT, IVO GLYNNE	2,470,083	HILL-ROM SERVICES, INC.	2,468,912
GARCIA, PABLO	2,469,049	H.B. FULLER LICENSING &		HITACHI HIGH-	
GARCIA-PAPY, DULCE	2,468,759	FINANCING, INC.	2,469,478	TECHNOLOGIES	
GARCIA-RAFANELL, JULIAN	2,471,794	HAALAND, PERRY D.	2,468,187	CORPORATION	2,469,197
GARDNER, PAUL WILLIAM	2,469,072	HACKER, ERWIN	2,469,017	HO, MENG F.	2,468,431
GARRISON, MARK S.	2,471,165	HAERING, HELMUT	2,469,043	HO, SAI YIU DUNCAN	2,468,915
GARTI, NISSIM	2,468,303	HAFELLNER, REINHARD	2,468,983	HOBBS, PETER D.	2,468,745
GASCOYNE, PETER	2,468,862	HAGEN, ANNE ELIZABETH	2,468,717	HODSON, PETER D.	2,469,064
GAULT, PHILIPPE	2,469,740	HAGIWARA, TERUHIKO	2,468,865	HOEKSTRA, PHILIP M.	2,468,740
GE, WANGMAO	2,469,161	HALAS, LYNN	2,469,000	HOESSEL, PETER	2,468,765
GECZ, JOZEF	2,468,353	HALBUR, PATRICK G.	2,469,599	HOFFMAN, DAVID	2,468,949
GEIGER, MICHAEL	2,468,853	HALE, ARTHUR HERMAN	2,469,166	HOFFMAN, WILLIAM F.	2,468,156
GELINOTTE, EMMANUEL	2,468,976	HALL, JESSE B.	2,469,347	HOFFMANN, JENS	2,468,412
GENOVA, PERRY A.	2,472,194	HALLIBURTON ENERGY		HOFFSTEIN, JEFFREY	2,469,198
GENTA SALUS LLC	2,468,548	SERVICES, INC.	2,468,936	HOILE, CEFN RICHARD	2,468,904
GERMAIN, LUCIE	2,470,554	HALLIBURTON ENERGY		HOLCMAN, ALEJANDRO R.	2,468,938
GERON CORPORATION	2,468,335	SERVICES, INC.	2,468,940	HOLLAND, ROSS	2,468,905

## Index des demandes PCT entrant en phase nationale

HOLMES, MARIA	2,468,949	JACKSON, ERIC	2,469,578	KELLY, TIM A.	2,469,025
HOLMES, WILLIAM W., IV	2,467,572	JACOBSON, CRAIG P.	2,468,666	KEMMETMUELLER, GARY	2,469,159
HOLZER, FRANK	2,468,771	JADHAV, PRAKASH MAHADEO		KEMPPAINEN, TIMO	2,469,179
HOLZER, FRANK	2,468,775		2,469,202	KENT DEMOLITION, INC.	2,468,966
HONNORS, ROBERT	2,466,957	JAIN, NIKHIL	2,468,938	KERSSIES, GEERT	2,469,096
HORN, GERHARD	2,469,073	JAIN, NIKHIL	2,469,328	KESKINIVA, MARKKU	2,469,179
HORWITZ, DAVID A.	2,469,800	JAKOBOVITS, AYA	2,469,161	KHAN, MOHAMMED LOKMAN	2,468,795
HOSS, MANFRED	2,469,014	JANG, EUN-HYUN	2,468,845	KHAZAK, VLADIMIR	2,468,761
HOUSER, DAVID J.	2,468,555	JANG, YOUNG-SOON	2,469,477	KIEFER, JESSE JOHN	2,469,156
HOWGRAVE-GRAHAM, NICHOLAS A.	2,469,198	JANSSEN PHARMACEUTICA N.V.	2,468,778	KIEL LABORATORIES, INC.	2,469,338
HT TROPLAST AG	2,469,014	JANSSEN PHARMACEUTICA N.V.	2,469,275	KIEL, JEFFREY S.	2,469,338
HU, BAIHUA	2,469,138	JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF NATIONAL CARDIOVASCULAR CENTER	2,468,777	KIM, BYOUNG JAE	2,467,834
HUANG, GUBO	2,468,928	JAPAN SCIENCE AND TECHNOLOGY AGENCY	2,470,853	KIM, BYUNG JIN	2,468,867
HUBERT, RENE S.	2,469,161	JAPAN TOBACCO INC.	2,470,063	KIM, BYUNG JIN	2,469,173
HUBERTY, JOHN S.	2,469,115	JARRETT, MICHAEL A.	2,468,741	KIM, BYUNG JIN	2,469,176
HUNTER, ANDREW T.	2,468,938	JAUTELAT, ROLF	2,468,412	KIM, BYUNG JIN	2,469,178
HUNTER, IAN W.	2,464,487	JEANNIN, LIONEL	2,468,757	KIM, JIN-SOO	2,469,477
HURT, SUSAN NEWCOMB	2,468,041	JEFFRYES, BENJAMIN PETER	2,469,067	KIM, KI-JUN	2,468,919
HUYNH, KHANH	2,468,799	JENSEN, GREGORY S.	2,465,860	KIM, KI-MOON	2,468,801
ICAGEN, INC.	2,469,170	JENSEN, KARSTEN	2,468,243	KIMBERLY-CLARK WORLDWIDE, INC.	2,468,992
ICONIX PHARMACEUTICALS, INC.	2,467,910	JENSEN, SOREN LUND	2,469,063	KIMBERLY-CLARK WORLDWIDE, INC.	2,469,010
IFOTEC	2,468,756	JESSOP, THEODORE C.	2,469,336	KIMBERLY-CLARK WORLDWIDE, INC.	2,469,030
IIDA, HIDEHIRO	2,468,777	JFE STEEL CORPORATION	2,469,022	KIMBERLY-CLARK WORLDWIDE, INC.	2,469,032
ILLA, ISABEL	2,468,431	JIANG, PING	2,470,411	KIMBERLY-CLARK WORLDWIDE, INC.	2,469,113
ILLINOIS TOOL WORKS INC.	2,468,738	JIANG, SHANGXIN	2,468,348	KIMBERLY-CLARK WORLDWIDE, INC.	2,469,122
IMMUNEX CORPORATION	2,469,472	JIN, JIANJIAN	2,469,209	KIMBERLY-CLARK WORLDWIDE, INC.	2,469,126
IMMUNEX CORPORATION	2,469,815	JIN, YULAI	2,471,821	KINZLER, KENNETH W.	2,468,273
IMS HEALTH INCORPORATED	2,469,511	JOHN, VARGHESE	2,469,130	KIRK, SETH M.	2,469,115
INANAMI, RYOUJI	2,469,197	JOHNSON & JOHNSON CONSUMER COMPANIES, INC.	2,469,000	KITANO, AKIHIKO	2,468,952
INCULET, ION	2,468,758	JOHNSON MATTHEY PLC	2,469,079	KITE, PETER	2,468,419
INEX PHARMACEUTICALS CORPORATION	2,472,055	JOHNSON, ROGER N.	2,468,954	KIVISTO, TUOMO	2,468,964
INSERT THERAPEUTICS, INC.	2,465,860	JOHNSTON, RICHARD DUANE	2,468,846	KL. SEXTRO, FRANZ-JOSEF	2,469,207
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE	2,469,334	JON, SANG-YONG	2,468,801	KLEIN, MICHEL	2,469,487
INSTITUT PASTEUR	2,469,334	JONES, DAVID L.	2,468,855	KLIMUK, SANDRA	2,472,055
INTELLITECH CORPORATION	2,468,860	JONG, LING	2,468,745	KLOEPFER, HANS G.	2,468,983
INTERNATIONAL DISPENSING CORPORATION	2,469,270	JURAS, PAUL E.	2,468,647	KNICKMEYER, WILLIAM K.	2,468,911
INUL, MAKOTO	2,469,134	KADONO, SHINYA	2,468,770	KNOWLES, JAMES ATHERTON	2,469,018
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	2,468,579	KALLIO, PASI	2,469,041	KNUTSSON, JAN	2,469,029
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	2,469,599	KAMATH, SANJAY	2,468,939	KOBAYASHI, TAKASHI	2,469,475
IRIYA, MASARU	2,467,923	KANAI, YASUSHI	2,468,250	KOCH, WOLFGANG	2,468,820
IRVING, EDWARD	2,469,223	KANE, JOHN	2,468,989	KODAMA, YOSHITAKE	2,469,197
ISHIBIKI, KOTA	2,468,829	KANKE, TORU	2,469,607	KOENTGEN, FRANK	2,470,527
ISHIDA, BRIAN	2,468,989	KAPILOFF, DAVID	2,469,030	KOESSLER, PETER	2,468,906
ISHIHARA CHEMICAL COMPANY, LTD.	2,469,475	KAPILOFF, DAVID	2,469,032	KOHN, WAYNE DAVID	2,468,100
ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES, CO., LTD.	2,469,009	KAPLAN, PETER	2,469,324	KOIVO, HEIKKI	2,469,041
ISIS INNOVATION LIMITED	2,467,486	KARAS, PETER M.	2,468,852	KOJIMA, MASAYA	2,469,197
ISKA GMBH	2,469,382	KARI, STUART E.	2,468,951	KOLL, BERNHARD	2,469,014
ISKOLD, BEATA	2,468,748	KARLSSON, MATTIAS	2,468,424	KOLLET, ORIT	2,468,944
ISOM, E. KENT	2,469,113	KARLSSON, MATTIAS	2,468,511	KONDO, SATOSHI	2,468,770
ITOH, KYOGO	2,471,735	KARP, FLOYD B.	2,468,975	KONE CORPORATION	2,468,798
IVANOV, VADIM	2,469,162	KASTE, KEITH	2,468,750	KONG, NORMAN	2,468,783
IYANAGI, HIROKAZU	2,468,946	KASZUBSKI, GLEN	2,468,810	KONG, NORMAN	2,469,187
IYER, RADHAKRISHNAN P.	2,470,521	KAWAGOE, JUNICHI	2,469,607	KONGELF, MICHAEL A.	2,468,939
IZQUIERDO PULIDO, JOSE IGNACIO	2,471,794	KAWAHARA, KIMINORI	2,468,827	KONIK-ROSE, CHRISTINE	2,466,890
J. URIACH Y COMPANIA S.A.	2,471,794	KAWAM, ANTOINE	2,468,917	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,469,083
		KAZAMA, MUTSUHIRO	2,469,009	KOPRESKI, MICHAEL	2,467,629
		KAZUO SHINYA	2,468,046	KOS LIFE SCIENCES, INC.	2,472,194
		KELLIHER, THOMAS P.	2,468,800	KOSKIMAKI, ANTTI	2,469,179
		KELLSTEIN, CAROLINA BUITRON	2,469,156	KOSTER, FRANS	2,468,968
		KELLY, ROGER A.	2,469,219	KOSTIK, ELENA	2,468,349
				KOTARA, ERNEST BENEDICT	2,468,732
				KOWA COMPANY, LTD.	2,469,607

## Index of PCT Applications Entering the National Phase

KOYA, KEIZO	2,468,349	LEK PHARMACEUTICAL AND CHEMICAL COMPANY D.D.	2,469,984	MAIZERAY, PHILIPPE	2,468,910
KRAHMER, HANSJORG	2,469,017	LEMEUNE, ALLA	2,468,863	MANGOLD, URSULA	2,470,108
KRAUSE, STEWART W.	2,469,719	LEMKE, RAINER	2,468,853	MANI, NARASIMHAN	2,469,338
KREFT, ANTHONY FRANK	2,469,021	LEMMETTY, PAULI	2,469,179	MANTLO, NATHAN BRYAN	2,468,846
KRESS, JOHN P.	2,469,347	LENNOX, JOSEPH R.	2,468,552	MANZER, LEO ERNEST	2,469,141
KRESSNER, ANITA	2,469,025	LEUNG, CARMEN	2,468,448	MARAI, DOMINIQUE	2,468,910
KROLL, JORG	2,468,412	LEVALLEY, RANDALL J.	2,469,113	MARAZZI, ALESSANDRA	2,468,400
KRUMM-HELLER, ALEX M.	2,468,841	LEWIS, RICHARD P.	2,469,010	MARCHAL, GILLES	2,469,334
KUBOTA, YURI	2,468,843	LG ELECTRONICS INC.	2,468,867	MARCIN, JOSEPH ROBERT	2,469,068
KUBRAK, DENNIS MARTIN	2,469,021	LG ELECTRONICS INC.	2,468,919	MARCONI COMMUNICATIONS SPA	2,468,932
KUDARAVALLI, SRIDHAR	2,468,972	LG ELECTRONICS INC.	2,469,173	MARCUCCI, ANGEL JOSE	2,469,280
KUEHN, KEVIN	2,469,159	LG ELECTRONICS INC.	2,469,176	MARINELLI, FLAVIA	2,468,400
KUKLINSKI, BODO	2,468,906	LG ELECTRONICS INC.	2,469,178	MARIOFF CORPORATION OY	2,469,221
KUMAR, PANKAJ	2,469,466	LI, LINGNA	2,470,411	MARIOFF CORPORATION OY	2,469,251
KUMAR, PRAVEEN	2,469,671	LI, XIAO-MING	2,470,411	MARMUR, OREN	2,469,142
KUNCOVA, JOHANA	2,469,041	LIANG, GREG	2,468,850	MARTHALER, JOHN M.	2,468,951
KUNESH, EDWARD J.	2,468,555	LIANG, LIKAN	2,468,845	MARTINEAU, PHILIP MAURICE	2,469,150
KURKOSKI, PHILIP L.	2,469,144	LIAO, YIHUA	2,469,075	MARTINEZ, LEON FERNANDO GARCIA	2,466,845
KUSUMOTO, KEIJI	2,468,827	LIBERMAN, ANITA	2,469,108	MARTINI, ALESSANDRO	2,468,916
KWON, SOON-YIL	2,468,919	LICHTNER, ROSEMARIE	2,468,412	MARTINOD, SERGE R.	2,468,986
KWON, SUNG-YUN	2,470,902	LIFEPOINT, INC.	2,468,850	MARTTILA, TOM	2,468,964
LABARGE, JOHN	2,468,963	LIGHELM, DIRK JACOB	2,468,859	MARZIO, GIUSEPPE	2,468,957
LABLABO	2,469,268	LILIE, HAUKE	2,469,981	MASHKO, SERGEY VLADIMIROVICH	2,468,178
LACOSTE, ANA	2,468,760	LIM, ALVIN	2,468,923	MASLANKA, WILLIAM W.	2,468,930
LADNER, ROBERT C.	2,470,508	LIM, JERRY	2,469,324	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2,464,487
LAGRANDERIE, MICHELINE	2,469,334	LIND, CLIFTON	2,468,751	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2,469,679
LAHTI, JERRY	2,468,667	LIND, JEFFERSON C.	2,468,161	MATHER, DAVID P.	2,468,555
LAIDLAW, STEPHEN	2,467,486	LINDALL, ARNOLD W.	2,468,659	MATHIES, ANDREAS	2,469,073
LAMAS-PETEIRA, CARLOS	2,469,278	LINDSTROM, KYLE J.	2,468,387	MATHYS MEDIZINALTECHNIK AG	2,468,908
LAMBROU, GEORGE N.	2,468,811	LINKER, KARL-HEINZ	2,468,783	MATHYS MEDIZINALTECHNIK AG	2,469,005
LANDAUER, INC.	2,469,199	LIU, EMILY AIJUN	2,469,187	MATHYS MEDIZINALTECHNIK AG	2,469,008
LANGLEY, CHRISTOPHER NIGEL	2,469,037	LIU, EMILY AIJUN	2,468,658	MATSUMOTO, JIRO	2,469,607
LANGLEY, CHRISTOPHER NIGEL	2,469,071	LIU, HONG		MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,468,770
LANGLEY, CHRISTOPHER NIGEL	2,469,072	LIVSHITS, VITALIY ARKADYEVICH	2,468,178	MATZEN, ALAN C.	2,468,959
LAPIDOT, TSVEE	2,468,944	LJUBICICH, PHILIP A.	2,469,466	MAYO, GEORGE HERBERT	2,468,732
LARSON, JAMES M.	2,468,298	LO, YING-CHENG	2,469,364	MAZO, GRIGORY	2,468,815
LARSON, JAMES M.	2,468,339	LOCKHART, JOHN C.	2,469,607	MAZO, JACOB	2,468,815
LATOUR, ELISABETH	2,468,811	LOCKHEED MARTIN CORPORATION	2,469,185	MAZZILI, JOSEPH, J.	2,469,181
LAUGHTON, NICHOLAS GEOFFREY	2,468,795	LOCKWOOD, JEFFREY S.	2,468,912	MC BRIAR, MARK D.	2,468,967
LAUREL, DAVID F.	2,468,899	LOEBIG, GARY L.	2,468,751	MCCLUNG, GUY LAMONT III	2,469,352
LAURIA, SARA	2,468,916	LORENZ, HANS	2,469,043	MCCRACKEN, WILLIAM E.	2,468,555
LAURITZEN, J. ERIC	2,468,900	LORENZ, RAINER	2,469,194	MCCULLOCH, LAURA	2,469,000
LAWREY, GARY R.	2,468,647	LOSI, DANIELE	2,468,400	MCKEW, JOHN CAEDMON	2,469,138
LAZARUS, ALAN H.	2,467,781	LOTT, LOWELL F.	2,468,740	MCLEOD, DAVID G.	2,468,647
LAZZARINI, AMERIGA	2,468,400	LOUGHHEAD, DAVID GARRETT	2,468,927	MCLEOD, DAVID GRAY	2,470,523
LE BORGNE, DIDIER	2,468,820	LU, KEHUAN	2,468,772	MCMAHON, DAVID R.	2,468,730
LEBERER, EKKEHARD	2,470,108	LU, KEHUAN	2,468,774	MCMILLEN, BRADLEY THOMAS	2,472,014
LEBLANC, JULIEN	2,468,974	LU, YINGCHUN	2,468,761	MCNAMARA, WILLIAM E.	2,471,165
LECOMTE, DANIEL	2,468,891	LUI & CLEMENT GMBH	2,468,348	MCPHERSON, MATHEW A.	2,468,977
LEE, CHICHANG	2,470,026	LUI, ISABELLA	2,468,348	MCSWIGGEN, JAMES	2,471,421
LEE, CLAUDE K.	2,469,155	LUKACS, FERENC	2,468,426	MEDIALIVE	2,468,891
LEE, DONG-KI	2,469,477	LUNDBY, STEIN A.	2,469,210	MEDTRONIC, INC.	2,469,080
LEE, HORIM	2,469,477	LUO, XUEHONG	2,468,978	MEDTRONIC, INC.	2,469,149
LEE, KATHERINE LIN	2,469,138	LY, CELIA	2,470,026	MEHAWAJ, FOUAD D.	2,469,159
LEE, KWOK KAY	2,468,934	LYCORED NATURAL PRODUCTS INDUSTRIES LTD.	2,468,303	MEIDAN, REUVEN	2,469,478
LEE, ROBERT A.	2,469,141	LYNDE, GERALD D.	2,468,729	MEIDAN, REUVEN	2,468,663
LEE, SANG BIN	2,467,834	LYONS, MICHAEL PATRICK	2,469,158	MEINTECH CO., LTD.	2,468,868
LEE, SEONG-IL	2,469,477	MADDEN, PETER	2,464,487	MEISNER, WALTER T., III	2,467,834
LEE, YANGSOON	2,469,477	MAEDER, ANDREW	2,468,693	MEKOUAR, KHALID	2,470,521
LEE, YOUNG-JO	2,468,919	MAGNA INTERNATIONAL INC.	2,469,158		
LEFORT, JEAN	2,469,334	MAHLER, WALTER	2,469,141		
LEGER, ANN T.	2,467,168	MAIN POWER ELECTRICAL FACTORY, LTD.	2,468,934		
LEHTOMAKI, NORMAN A.	2,469,185				
LEID, MARK	2,468,745				

## Index des demandes PCT entrant en phase nationale

MENART, VIKTOR	2,469,984	MULTIMEDIA GAMES, INC.	2,468,751	NOVOTNY, MAREK	2,469,041
MENDELOVICI, MARIOARA	2,469,108	MUNDT, WOLFGANG	2,469,644	NTRU CRYPTOSYSTEMS, INC.	2,469,198
MENG, XIANG-JIN	2,469,599	MUNK, JEFFREY ROGER	2,469,201	NUPHARMX, LLC	2,469,347
MENON, SANJAY R.	2,468,761	MUNOZ ORTI, GENIS	2,471,794	NYMARK, NIELS	2,468,243
MENTOR CORPORATION	2,468,963	MURAMATSU, SHIN-ICHI	2,469,658	OBACH, RONALD SCOTT	2,468,717
MERCK & CO., INC.	2,468,156	MURPHY, BRIAN R.	2,467,958	OCEAN NUTRITION CANADA	
MERCK & CO., INC.	2,468,266	MURRAY, PATRICK G.	2,469,335	LTD.	2,471,821
MERCK PATENT		MURRAY, REX EUGENE	2,469,111	ODELL, ALBERT C., II	2,469,023
GESELLSCHAFT MIT		MUSTALAHTI, JORMA	2,468,798	OH, DONG-HYUN	2,468,801
BESCHRANKTER		MUTAGUCHI, MASAO	2,469,009	OHTA, AKIO	2,470,104
HAFTUNG	2,468,501	MYERS, KENT R.	2,469,719	OLAYA, HECTOR	2,469,156
MERCK PATENT		MYERS, SHARON RUTH	2,468,100	OLYMPUS OPTICAL CO., LTD.	2,468,829
GESELLSCHAFT MIT		NAESJE, KJETIL	2,469,105	ONCOMEDX, INC.	2,467,629
BESCHRANKTER		NAGATA, YUICHIROU	2,470,174	O'NEILL, PAUL MICHAEL	2,469,223
HAFTUNG	2,468,910	NAGATAKI, YASUNOBU	2,469,022	ONO, MITSUNORI	2,468,349
MERRILL, BRYON A.	2,468,659	NAHORI, MARIE-ANNE	2,469,334	OPSTELTEN, DIRK JAN	
METRO ONE		NAKAGAWA, HARUTO	2,468,827	ELBERTUS	2,468,957
TELECOMMUNICATIONS,		NAKAJIMA, KATSUMI	2,469,022	OPTIQUE ET MICROSYSTEMES	
INC.	2,469,466	NAKAMURA, MASATSUGU	2,469,134	S.A.	2,468,756
METSO PAPER, INC.	2,469,065	NAKAMURA, MOTONAO	2,470,063	ORBECK, GARY	2,466,957
METZGER, HARRY	2,469,221	NAKANO, IMAHARU	2,469,658	ORCHARD, ANTHONY R.	2,469,164
METZGER, HARRY	2,469,251	NAKAO, TAKASHI	2,467,923	ORGANES, TISSUS:	
MEYERS, MICHAEL L.	2,468,839	NAKATA, JOSUKE	2,469,002	REGENERATION,	
MICANOVIC, RADMILA	2,468,100	NANOPHASE TECHNOLOGIES		REPARATION,	
MICHAELS, KENNETH W.	2,468,555	CORPORATION	2,469,335	REPLACEMENT-OTR3	2,468,759
MICHEL, ARMIN	2,468,930	NATURAL IMPLANT	2,469,611	ORGANOGENESIS INC.	2,469,209
MICROGEN ENERGY LIMITED	2,468,459	NATURAL IMPLANT	2,469,740	ORITA, TAKUYA	2,470,063
MICROLOGIX BIOTECH INC.	2,470,521	NAVAS RAMIREZ, JOSE		OROSZ, GYORGY	2,468,426
MICROMED LABORATORIES,		CARLOS	2,471,794	ORTHO-MCNEIL	
INC.	2,468,856	NEAL, THOMAS G., JR.	2,469,122	PHARMACEUTICAL INC.	2,468,499
MICRONIX, INC.	2,468,983	NEILSEN, PAUL	2,468,275	ORTON, J. R., III	2,468,949
MIGNANI, GERARD	2,468,863	NEKTAR THERAPEUTICS	2,468,958	ORWAR, OWE	2,468,424
MILBOURNE, RODNEY	2,468,857	NELSON, ERIC W.	2,468,870	ORWAR, OWE	2,468,511
MILBY, JOHN T.	2,469,007	NEOSE TECHNOLOGIES, INC.	2,468,230	OTTLECH, ANNA	2,468,811
MILLER, CHRIS L.	2,469,475	NERI, GIOVANNI	2,468,081	OUTOKUMPU OYJ	2,468,964
MILLER, DUANE D.	2,469,340	NESBITT, R. DENNIS	2,468,990	OXONICA LIMITED	2,467,957
MILLER, STEVEN T.	2,468,749	NESBITT, R. DENNIS	2,468,993	O'YANG, COUNDE	2,468,927
MIMURA, TAKASHI	2,468,843	NETKE, SHRIRANG	2,469,162	OZAWA, KEIYA	2,469,658
MINAMITAKE, YOSHIHARU	2,468,250	NETTLESHIP, CHRISTOPHER		OZAWA, MIHO	2,469,197
MINHAZUDDIN, MUNEYB	2,468,841	JOHN	2,468,738	PAIK, ELLEN	2,468,764
MINICK, CHRIS A.	2,468,870	NEUBERT, WILLIAM J.	2,468,913	PAJUKOSKI, KARI	2,468,791
MINTA, MOSES	2,467,168	NEUSTADT, BERNARD R.	2,468,658	PALANI, ANANDAN	2,468,967
MIRKIN, CHAD A.	2,468,743	NEWMAN, JASON T.	2,467,958	PALAZZO, FRANCIS D.	2,468,657
MITSUBISHI RAYON CO., LTD.	2,470,174	NG, HERN	2,469,050	PALAZZO, FRANCIS D.	2,468,669
MIYAKE, YOSHINORI	2,468,777	NG, KINGMAN	2,468,100	PALAZZOTTO, MICHAEL C.	2,469,095
MIZE, PATRICK D.	2,469,458	NGUYEN, ANDY T.	2,468,928	PALOIAN, MICHAEL	2,469,164
MIZUKAMI, HIROAKI	2,469,658	NGUYEN, HY V.	2,468,928	PAMGENE B.V.	2,469,175
MO, XIAOXIONG	2,469,182	NGUYEN-KIM, SON	2,468,765	PAREKH, NILESHKUMAR J.	2,469,328
MO, XIAOXIONG	2,469,189	NIDAM, TAMAR	2,469,108	PAREKH, SHOBHA B.	2,469,719
MOGENSEN, PREBEN	2,468,791	NIEDZWIECKI, ALEKSANDRA	2,469,162	PARK, HAE-RYONG	2,468,046
MOINET, GERARD	2,468,910	NIEMELA, KARI	2,468,791	PARK, KYUNG-SOON	2,469,477
MOLINA, LILKAR Z.	2,469,007	NIEMI, JAAKKO	2,469,179	PARK, SUNG WAN	2,468,867
MOLYNEUX, BRIAN CHARLES	2,469,072	NIPPON OIL CORPORATION	2,469,475	PARK, SUNG WAN	2,469,173
MOORE, GORDON	2,470,026	NISHIDA, TERUO	2,469,134	PARSONS, NATAN E.	2,469,182
MOORE, JULIE K.	2,468,750	NISHIJIMA, CHIHARU	2,470,174	PARSONS, NATAN E.	2,469,189
MOOSMAYER, DIETER	2,468,081	NISHIKADO, HIROSHI	2,468,482	PARUSEL, MARKUS	2,469,043
MORELL, MATTHEW	2,466,890	NISING, WOLFGANG	2,468,914	PASTOR, STEPHEN DANIEL	2,468,831
MORGAN, SHERWIN E.	2,469,347	NISNEVICH, GENNADY A.	2,468,728	PATEL, CHAMPA	2,469,033
MORPHOCHEM		NOKIA CORPORATION	2,468,667	PATEL, LABHESH	2,468,566
AKTIENGESELLSCHAFT		NOKIA CORPORATION	2,468,791	PATTABIRAMAN, KANAKA	2,469,336
FUR KOMBINATORISCHE		NOLKRANTZ, KERSTIN	2,468,424	PAU, MARIA GRAZIA	2,468,957
CHEMIE	2,468,761	NOLKRANTZ, KERSTIN	2,468,511	PAUL, DAVID	2,468,911
MOSTERT, MICHAEL J.	2,468,275	NORDMAN, ERIC S.	2,469,197	PAUL, JOHN A.	2,468,810
MOTOROLA INC.	2,468,779	NORTEL NETWORKS LIMITED	2,469,213	PAUL, PAUL CHARLES	2,469,511
MOTOROLA, INC.	2,468,663	NORTHWESTERN UNIVERSITY	2,468,743	PAULING, PAUL K.	2,469,126
MOTOROLA, INC.	2,468,868	NOVACEA, INC.	2,469,119	PAWELSKI, HARTMUT	2,469,077
MOULTON, SHAWN	2,471,821	NOVARTIS AG	2,468,811	PEDERSEN, KLAUS	2,468,791
MOUNIR, SAMIR	2,470,521	NOVARTIS AG	2,468,972	PELKEY, ERIN T.	2,469,336
MUKHERJI, ARIJIT	2,468,566	NOVARTIS AG	2,468,994	PELLETIER, JACQUES	2,468,760
MULLINS, OLIVER	2,470,512	NOVO NORDISK A/S	2,468,243	PELTON, NICOLE	2,468,858

## Index of PCT Applications Entering the National Phase

PELTONEN, VESA	2,469,179	RAMSDELL, FRED	2,466,845	RUTHERFORD, JAMES	
PELTRE, PHILIPPE	2,469,334	RAMSTROEM, MIKAEL	2,469,029	ANTHONY	2,469,203
PERKINS, EDWARD L.	2,467,910	RANIERI, JOHN	2,470,571	RYAN, HOWARD SCOTT	2,468,308
PERNICONE, NICOLA	2,468,909	RANKINE, ALASTAIR J.	2,468,841	S. C. JOHNSON & SON, INC.	2,468,555
PERRIE, TRUC-CHI	2,471,821	RANTALA, ERICK R.	2,468,731	SAHA, HEIKKI	2,469,179
PERRIN, BRUNO	2,468,974	RANTALA, ESA	2,469,179	SAHATJIAN, RONALD A.	2,469,195
PERRITT, DAVID	2,468,197	RAO, M. VIKRAM	2,468,936	SAID, KOUSAY M.	2,468,647
PESKIN, NATALYA	2,468,975	RAPOSO, PAUL	2,468,949	SAITO, NAOHIRO	2,469,607
PETERSEN, CLIFFORD W.	2,467,168	RAPPAPORT, JAY	2,469,487	SAKAI, SHUJI	2,469,475
PETIT, EMMANUEL	2,468,759	RASCHE, HEINZ-HELMER	2,468,933	SAKAMURI, SUKUMAR	2,468,761
PETKOVIC, ZORAN	2,469,359	RATH, MATTHIAS DR.	2,469,162	SALCHERT, KLAUS-DIETER	2,468,853
PETROSENKO, ROBERT	2,468,912	RAUE, UTA	2,469,981	SALT, METIN	2,468,764
PETROV, ORLIN	2,468,412	RAUTAINEN, PENTTI	2,469,065	SAMAL, PRABANDHA KUMAR	2,468,905
PETTERSSON, JOAKIM	2,468,513	RAWNICK, JAMES JOSEPH	2,468,962	SAMURKAS, ANDON	2,468,661
PETTERSSON, ROLAND	2,469,029	REBOUILLAT, SERGE	2,468,336	SANDERS, JOHN L.	2,468,815
PFIZER INC.	2,468,847	REDDY, SATISH	2,469,153	SANDERS, JOHN LARRY	2,468,815
PFIZER INC.	2,469,085	REEDER, JOANNE M.	2,469,815	SANDERSON, KEVIN DAVID	2,469,018
PFIZER PRODUCTS INC.	2,468,717	REGENTS OF THE UNIVERSITY		SANDSTROEM, LARS	2,469,029
PHARMACIA ITALIA S.P.A.	2,468,916	OF MICHIGAN	2,469,204	SANDVIK AB	2,468,837
PHELPS, STEPHEN L.	2,468,992	REGIE AUTONOME DES		SANDVIK TAMROCK OY	2,469,179
PIERRU, NICOLAS	2,468,758	TRANSPORTS PARISIENS	2,468,974	SANTEN PHARMACEUTICAL	
PIGSLEY, KENNETH A.	2,469,113	REGINA, AHMED	2,466,890	CO., LTD.	2,469,134
PILKINGTON PLC	2,469,018	REICHEL, ANDREAS	2,468,412	SANTHAKUMAR,	
PILLUTLA, RENUKA C.	2,468,125	REIDERMAN, ARCADY	2,468,735	VIJAYARATNAM	2,468,448
PING, JEFFREY H.	2,469,347	REITER, MANFRED	2,469,644	SAP AKTIENGESELLSCHAFT	2,469,277
PIPHER, JILL C.	2,469,198	RENSSELAER POLYTECHNIC		SAP AKTIENGESELLSCHAFT	2,469,282
PISZ, JAMES T.	2,468,773	INSTITUTE	2,466,172	SAP AKTIENGESELLSCHAFT	2,469,297
PLACER DOME TECHNICAL		RESNICK, LYNN	2,469,021	SAP AKTIENGESELLSCHAFT	2,469,308
SERVICES LIMITED	2,469,578	REVERT-ROS, FRANCISCO	2,468,851	SAP AKTIENGESELLSCHAFT	2,469,319
PLAGNE, SYLVAIN	2,468,890	REZAIIFAR, RAMIN	2,468,915	SAP AKTIENGESELLSCHAFT	2,469,322
PLOTNICK, BRUCE	2,468,657	RHODIA CHIMIE	2,468,863	SASOL TECHNOLOGY (PTY)	
PLOTNICK, BRUCE	2,468,669	RHODIA ELECTRONICS AND		LTD.	2,469,271
LOURDE, PAUL	2,468,965	CATALYSIS	2,469,273	SATO, FUMIO	2,469,009
PLUCHECK, CLAYTON		RHODIA INDUSTRIAL YARNS		SAUS, JUAN	2,468,851
STANLEY	2,468,900	AG	2,468,876	SAVINO, EDWARD	2,470,026
PLUTZKY, JORGE	2,467,955	RICCHETTI, MICHAEL	2,468,860	SAVRASOVA, EKATERINA	
POLA CHEMICAL INDUSTRIES		RICHARDSON, FRANK		ALEKSEEVNA	2,468,178
INC.	2,468,946	BARNETT	2,469,203	SCARSBROOK, GEOFFREY	
POLEVOY, RICHARD S.	2,468,308	RIDLEY, MARK	2,468,393	ALAN	2,469,150
POLYMERPOULOS, MIHAEL		ROACH, CHARLES W.	2,468,983	SCHAEFER, GEORGE	2,468,911
HRISTOS	2,468,972	ROBERTS, GRAHAM RICHARD	2,468,459	SCHARNKE, WOLFGANG	2,469,043
PONT, NICOLAS	2,468,336	ROBINSON, ALLEN CLIFFORD	2,469,578	SHELLEKENS, WYBRANDUS	
PONTZEN, ROLF	2,468,387	ROCKWOOL INTERNATIONAL		THEODORE	2,468,931
POSTECH FOUNDATION	2,468,801	A/S	2,469,063	SCHENKE, THOMAS	2,469,191
POUPINET, VINCENT	2,468,974	RODRIGUEZ, OSCAR	2,468,835	SCHERING	
POVEDA LERMA, ANTONIO	2,468,918	ROEHM GMBH & CO., KG	2,469,043	AKTIENGESELLSCHAFT	2,468,081
POWDERJECT RESEARCH		ROEHNER, JUERGEN	2,468,914	SCHERING	
LIMITED	2,470,902	ROELOFS, MARCO	2,468,914	AKTIENGESELLSCHAFT	2,468,412
POYSTI, TAPANI	2,469,179	ROELOFSE, ANDRIES		SCHERING CORPORATION	2,468,320
PPG INDUSTRIES OHIO, INC.	2,469,219	JOHANNES	2,469,271	SCHERING CORPORATION	2,468,649
PRENDERGAST, JOHN	2,468,125	ROGERS, ANTHONY	2,468,965	SCHERING CORPORATION	2,468,658
PRESTWICH, GLENN	2,468,275	ROGERS, SAM	2,469,211	SCHERING CORPORATION	2,468,839
PROLL, SEAN C.	2,466,845	ROMAIN, FELIX	2,469,334	SCHERING CORPORATION	2,468,967
PRUNIANU, PAUL RADU	2,469,578	ROMAN, KENDYL A.	2,468,949	SCHERING CORPORATION	2,468,996
PRZEWLOKA, TERESA	2,468,349	ROMETTE, JEAN-LOUIS	2,469,611	SCHLEDZ, MICHAEL	2,468,853
PUN, SUZIE HWANG	2,465,860	RON, ILAN	2,469,142	SCHLEINKOFER, UWE	2,468,820
PUVILAND, PATRICE	2,469,268	RONKANEN, PEKKA	2,469,041	SCHLUMBERGER CANADA	
QINETIQ LIMITED	2,469,031	ROOMI, WAHEED	2,469,162	LIMITED	2,468,782
QUALCOMM INCORPORATED	2,468,915	ROPER, ELRAY M.	2,468,417	SCHLUMBERGER CANADA	
QUALCOMM INCORPORATED	2,468,938	ROSEN, MURRAY W.	2,469,208	LIMITED	2,469,067
QUALCOMM INCORPORATED	2,468,939	ROTHBARD, JONATHAN B.	2,469,336	SCHLUMBERGER CANADA	
QUALCOMM INCORPORATED	2,469,210	ROTHER, RUSSELL	2,468,744	LIMITED	2,470,512
QUALCOMM INCORPORATED	2,469,328	ROTHERMEL, JOHN DAVID	2,468,994	SCHLUMBERGERSEMA INC.	2,468,764
RAGLE, STEPHEN J.	2,468,764	ROUSSEAU, ANNE-MARIE C.	2,469,472	SCHMIDT, DIRK	2,469,073
RAGSDALE, CHARLES W.	2,468,750	RUBIN, ERIC HOWARD	2,468,994	SCHMIDT, JANN	2,469,043
RAGSDALE, CHARLES W.	2,468,755	RUDOLPH, RAINER	2,469,981	SCHNEIDER, GEZA	2,468,426
RAHMAN, SADEQR	2,466,890	RUEDEN, ERIK J.	2,468,552	SCHOFIELD, RACHEL HELEN	2,468,905
RAITANO, ARTHUR B.	2,469,161	RUPP, OLAF	2,468,933	SCHREUDER, JAMES D.	2,468,841
RAJIC, VLADIMIR	2,469,359	RUSSELL, RICHARD ALAN	2,469,271	SCHULER, ELEANOR	2,469,155
RAMABHADRAN, RAM	2,470,527			SCHULTE, DAVID LEE JR.	2,469,352

## Index des demandes PCT entrant en phase nationale

SCHUNTER, WALTER	2,468,765	SMITH, DAVE	2,468,850	SYNGENTA PARICIPATIONS	
SCHUSTER, ANDREAS	2,469,011	SMITH, JULIAN DUNCAN	2,468,847	AG	2,468,417
SCHUSTER, TOBIAS	2,469,011	SMITH, MELANIE	2,468,841	SYNTA PHARMACEUTICALS	
SCHUTZE, GUSTAV	2,468,876	SMITH, MIKE	2,468,850	CORPORATION	2,468,349
SCHWARTZ, DANIEL M.	2,468,989	SMITH, SCOTT R.	2,469,188	SZYMCZAK, THOMAS J.	2,468,555
SCHWARTZ, EDUARD	2,469,108	SMS DEMAG		TABERLET, JEAN-PHILIPPE	2,469,268
SCIENCE MEDICUS, INC.	2,469,155	AKTIENGESELLSCHAFT	2,469,073	TAEUBER, DIRK	2,469,077
SCIL PROTEINS GMBH	2,469,981	SMS DEMAG		TAKADA, YASUSHI	2,468,843
SCIMED LIFE SYSTEMS, INC.	2,468,920	AKTIENGESELLSCHAFT	2,469,077	TAKAGI, MUTSUMI	2,470,853
SCIMED LIFE SYSTEMS, INC.	2,469,188	SOLVAY PHARMACEUTICALS		TAKAHASHI, SUSUMU	2,468,869
SCOLINI, ANTHONY J.	2,468,736	GMBH.	2,468,933	TAKEDA CHEMICAL	
SEDOV, TANYA	2,468,303	SONG, KWON-KYU	2,469,183	INDUSTRIES, LTD.	2,468,827
SEIDEL, GEORGE E.	2,468,772	SONG, SENG	2,467,781	TAKEUCHI, HIROSHI	2,470,174
SEIDEL, GEORGE E.	2,468,774	SPARGO, CATHY A.	2,468,187	TAKIZAWA, TOSHIAKI	2,469,607
SELVA, ENRICO	2,468,400	SPARTAN IMPORT & EXPORT,		TAM, STEVE YIK-KAI	2,469,138
SELVAN, GOWRI PYAPALI	2,468,041	LLC	2,468,934	TAMAKAWA, HIROKI	2,468,827
SELVAPALAM, NARAYANAN	2,468,801	SPECIALITY FERTILIZER		TAMIYA, MASAHI	2,469,607
SEMPLE, SEAN C.	2,472,055	PRODUCTS, LLC.	2,468,815	TANAKA, ISAO	2,470,174
SEO, KANG SOO	2,468,867	SPRUYT, MICHAEL	2,468,125	TANG, HAIQUN	2,468,967
SEO, KANG SOO	2,469,173	SST SYSTEMS, INC.	2,469,219	TANK, HOLGER	2,469,218
SEO, KANG SOO	2,469,176	STADLER, ROBERT W.	2,469,149	TAO, XIAODONG	2,470,523
SEO, KANG SOO	2,469,178	STAEHLING-HAMPTON,		TARARA, THOMAS E.	2,468,958
SEOL, WONGI	2,469,477	KAREN	2,466,845	TARDI, PAUL	2,469,214
SERRA, LUIS	2,469,050	STAFFORD, RICHARD E.	2,468,917	TATSUTA, NORIAKI	2,468,349
SEYMOUR, ROBERT J.	2,469,113	STAIB, RONALD R.	2,468,930	TATUM, ROGER	2,468,850
SHAFFER, SHMUEL	2,468,566	STEAMLAB SYSTEMS AG		TAYLOR, SARA	2,469,223
SHAFFER, SHMUEL	2,468,864	NATURAL		TEKMAL, RAJESHWAR RAO	2,469,147
SHAH, UNMESH G.	2,468,649	PASTEURIZATION	2,469,020	TELECOM ITALIA S.P.A.	2,468,763
SHAW, BRIAN	2,468,730	STEFFENINO, BENOIT	2,468,336	TELEFONAKTIEBOLAGET LM	
SHELL CANADA LIMITED	2,468,732	STEINER, MITCHELL S.	2,469,340	ERICSSON (PUBL)	2,468,921
SHELL CANADA LIMITED	2,469,166	STENZEL, HOLGER	2,469,014	TERASHITA, ZEN-ICHI	2,468,827
SHELL INTERNATIONALE		STEPHENS, W. PATRICK	2,468,951	TERRY, RICHARD N.	2,468,780
RESEARCH		STEPHENS, W. PATRICK	2,468,969	TEVA PHARMACEUTICAL	
MAATSCHAPPIJ B.V.	2,468,859	STICHMAN, ROBERT W.	2,469,719	INDUSTRIES LTD.	2,468,728
SHELL INTERNATIONALE		STOCK, JOSEPH RAYMOND	2,469,021	TEVA PHARMACEUTICAL	
RESEARCH		STOLA, LORIS	2,468,763	INDUSTRIES LTD.	2,469,108
MAATSCHAPPIJ B.V.	2,468,865	STONE, LAURA S.	2,472,097	TEXTRON INC.	2,463,744
SHIGA, YUJI	2,469,009	STOYLE, PETER NORMAN		TEXTRON INC.	2,467,085
SHINODA, TOMOYUKI	2,468,952	ROBERTSON	2,469,031	THAKKER, PARESH	2,469,138
SHORT, JAY M.	2,468,710	STRIKE TECHNOLOGY		THE BOARD OF TRUSTEES OF	
SHPERLING, ITZHAK	2,468,663	LIMITED	2,468,693	THE LELAND STANFORD	
SHPERLING, ITZHAK	2,468,868	STROMME, PETER	2,468,353	JUNIOR UNIVERSITY	2,469,336
SHRAGA, EYAL	2,469,142	STRUILLOU, ARNAUD	2,468,231	THE BRIGHAM AND WOMEN'S	
SHROFF, RAJJU DEVIDAS	2,469,202	STRYDENT SOFTWARE INC.	2,469,324	HOSPITAL, INC.	2,467,955
SHUM, SAI PING	2,468,831	STRYKER ENDOSCOPY	2,468,871	THE BURNHAM INSTITUTE	2,468,745
SHUMARD, DENNIS	2,466,272	STUBBS, ADRIAN JOHN	2,469,090	THE CREST GROUP, INC.	2,469,136
SHUSTER, SAMUEL J.	2,472,097	STUDER, ARMIN	2,468,908	THE GENERAL HOSPITAL	
SIFNEOS, DIMITRIOS	2,468,746	STUDER, ARMIN	2,469,005	CORPORATION	2,468,431
SILK, TERENCE VERNON	2,468,847	STUDER, ARMIN	2,469,008	THE GILLETTE COMPANY	2,468,917
SILVERMAN, JOSEPH H.	2,469,198	STYPCZYNSKI, MARK	2,468,810	THE GLIDDEN COMPANY	2,468,810
SIMMONS, EUGENE R.	2,469,478	SU, JING	2,468,967	THE GOVERNMENT OF THE	
SIMON, WOLFGANG-		SUH, TAE KWANG	2,468,772	UNITED STATES OF	
ALEXANDER	2,467,652	SUH, TAE KWANG	2,468,774	AMERICA AS	
SINGER, CLAUDE	2,469,108	SUM, FUK-WAH	2,469,138	REPRESENTED BY THE	
SINGH, APARNA	2,469,671	SUMI, TOSHINORI	2,470,174	SEC RETARY,	
SINNARAJAH, RAGULAN	2,468,915	SUMITA, OSAO	2,468,856	DEPARTMENT OF HEALTH	
SINNER, THOMAS W.	2,469,159	SUMMERS, SIMON JOHN	2,469,019	AND HUMAN SERVICES	2,470,104
SINNOTT, MARY M.	2,468,871	SUN, DONGXU	2,467,910	THE JOHNS HOPKINS	
SIRNA THERAPEUTICS, INC.	2,471,421	SUN, LIJUN	2,468,349	UNIVERSITY	2,468,273
SITKOVSKY, MICHAEL V.	2,470,104	SUNDERLAND, JOSEPH		THE ORGANIZATION FOR	
SKIADOPOULOS, MARIO H.	2,467,958	WILLIAM	2,468,393	PHARMACEUTICAL	
SKINNER, MIKE	2,467,486	SUNDHOLM, GOERAN	2,469,221	SAFETY AND RESEARCH	2,468,777
SKRZYNSKI, MARK	2,468,864	SUNDHOLM, GOERAN	2,469,251	THE PROCTER & GAMBLE	
SLOAN, MARK L.	2,468,731	SUNG, HYUNG JIN	2,467,834	COMPANY	2,465,902
SMALL, BROOKE L.	2,469,280	SUNGENE GMBH & CO. KGAA	2,468,853	THE PROCTER & GAMBLE	
SMALLWOOD, JOE L.	2,468,417	SUOMI, ERIC W.	2,466,884	COMPANY	2,469,007
SMANS, KARINE ALFONSINE		SVENSSON, JOHNNY	2,468,513	THE REGENTS OF THE	
ASTRID	2,468,778	SWANSON, JAMES A.	2,468,417	UNIVERSITY OF	
SMART DRUG SYSTEMS INC	2,468,986	SYLVAIN, DANY	2,469,213	CALIFORINA	2,468,989
SMARTSEAL AS	2,469,105				

## Index of PCT Applications Entering the National Phase

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,468,666	UM, SOUNG HYUN	2,468,867	VINCENZINI, FERNANDO	2,469,186
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,468,861	UM, SOUNG HYUN	2,469,173	VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.	2,469,599
THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2,467,958	UM, SOUNG HYUN	2,469,176	VISCO, STEVEN J.	2,468,666
THE UNIVERSITY OF READING	2,470,696	UMIASTOWSKI, TOMASZ	2,469,178	VIS-VITALIS LIZENZ-UND HANDELS AG	2,468,906
THERAKOS, INC.	2,468,197	UNION SWITCH & SIGNAL, INC.	2,468,029	VITALLY, GUY	2,468,757
THERMA BLADE INC.	2,468,960	UNITED DEFENSE LP	2,469,145	VITUSHKINA, MARIA	2,468,178
THERMO FINNIGAN LLC	2,468,161	UNITED PHOSPHORUS, INC.	2,468,776	VIACHESLAVOVNA	2,468,273
THIEL, CHARLES G.	2,469,064	UNITED PHOSPHORUS, LTD.	2,469,202	VOGELSTEIN, BERT	2,468,273
THIES, R. SCOTT	2,468,335	UNITED STATES PIPE AND FOUNDRY COMPANY	2,469,202	VOLUME INTERACTIONS PTE. LTD.	2,469,050
THOMAS SWAN & CO. LTD.	2,469,203	UNIVATION TECHNOLOGIES LLC	2,467,572	VOLZ, KIM R.	2,468,975
THOMAS, GREG H.	2,469,338	UNIVERSITA' DEGLI STUDI DI MILANO	2,469,111	VON CONTA, RODRIGO	2,468,949
THOMECZEK, CHARLES	2,468,983	UNIVERSITY OF CALIFORNIA AT BERKELEY	2,468,909	VON EBERSTEIN, WILLIAM HENRY JR.	2,468,732
THOMPSON, MARK	2,468,852	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	2,466,172	VOSE, BRENT	2,468,965
THOMPSON, RICHARD CRAIG	2,468,846	UNIVERSITY OF SOUTHERN CALIFORNIA	2,468,800	VOYTAS, DANIEL F.	2,468,579
THOMSEN, SCOTT V.	2,469,479	UNIVERSITY OF VIRGINIA PATENT FOUNDATION	2,469,800	VU, BINH THANH	2,468,783
TIBBETTS, STEVEN P.	2,468,736	UNO, NAYOMON	2,468,747	VU, BINH THANH	2,469,187
TIDWELL, PAUL	2,468,921	URBAN STORM LIMITED	2,469,009	VYKOUKAL, JODY	2,468,862
TIEDEMANN, EDWARD G., JR.	2,468,915	URCIA, JOSEPH ROBY IRINGAN	2,468,834	WADA, YASUSHI	2,469,607
TILTON, LYNN	2,468,872	URSAPHARM ARZNEIMITTEL GMBH & CO. KG	2,468,041	WADA, YUMIKO	2,468,349
TIMMS, GRAHAM HENRY	2,469,278	URSAPHARM ARZNEIMITTEL GMBH & CO. KG	2,468,771	WAKEFIELD, GARETH	2,467,957
TISCHER, LEO AUGUST	2,468,810	USMAN, NASSIM	2,468,775	WAKEFIELD, JOHN	2,470,527
TIVEY, DAVID	2,468,858	UYTDEHAAG, ALPHONSUS GERARDUS CORNELIS MARIA	2,471,421	WAKEFIELD, JOHN	2,472,194
TOBIN, SEAN C.	2,468,661	VA TECH HYDRO GMBH & CO	2,468,957	WAKERLY, JOHN F.	2,468,566
TOMASZEWSKI, MIROSLAW	2,468,448	VALDMAN, EVGENI	2,469,272	WAKITANI, SHIGEYUKI	2,470,853
TOMASZEWSKI, MIROSLAW	2,468,978	VALENCIA, RAMONCITO MAGPANTAY	2,469,108	WALCHUK, BRIAN L.	2,468,866
TOMIDA, AKIHIRO	2,468,046	VAN ALSTINE, DAVID J.	2,468,041	WALL, JOHN W.	2,468,995
TOMKINSON, JEREMY	2,468,795	VAN BEUNINGEN, MARINUS GERARDUS JOHANNES	2,469,208	WALPOLE, CHRISTOPHER	2,468,978
TOOLGEN, INC.	2,469,477	VAN DEN OETELAAR, RONALD J. A.	2,469,083	WALTZER, ERIC	2,468,850
TOOSKY, RAHMATOLLAH F.	2,463,744	VAN DER SCHOOT ENGINEERING B.V.	2,468,397	WANG, JUN	2,468,915
TOPPAN PRINTING CO., LTD.	2,468,869	VAN DER SCHOOT, PETER WILLEM CORNELIS	2,468,397	WANG, LAIXIN	2,468,548
TORAY INDUSTRIES, INC.	2,468,843	VAN OORT, ERIC	2,468,732	WANG, LIJUN	2,469,658
TORAY INDUSTRIES, INC.	2,468,952	VAN RHEE, ALBERT MICHIEL	2,469,170	WANG, LIXIAO	2,469,101
TOYOTA MOTOR SALES, U.S.A., INC.	2,468,773	VANDERHEIDEN, DANIEL J.	2,469,126	WANG, XIAODONG	2,468,846
TRAINOR, WILLIAM	2,469,168	VANDERWINDEN, JEAN-MARIE	2,468,778	WANG, ZHENG	2,469,021
TRAMONTINA, PAUL F.	2,469,010	VARGAFTIG, BERNARDO BORIS	2,469,352	WANG, ZHIKAI	2,468,956
TRANZYME, INC.	2,470,527	VARCO IP, INC.	2,469,334	WARMAN, EDUARDO N.	2,469,080
TRAVERSO, C. GIOVANNI	2,468,273	VARGAFTIG, BERNARDO BORIS	2,469,334	WARNER, W. RANDOLPH	2,469,347
TRIVASCULAR, INC.	2,468,951	VARLI, SEDAT	2,469,470	WATANABE, NOBUHISA	2,470,174
TRIVASCULAR, INC.	2,468,969	VEDANTHAM, GANESH	2,469,815	WATERBURY COMPANIES INC.	2,468,999
TROPF, SUSANNE	2,468,853	VEILLEUX, THOMAS A.	2,468,990	WEATHERFORD/LAMB, INC.	2,468,899
TROTT, DOUG	2,468,730	VENET, MARC GASTON	2,469,275	WEATHERFORD/LAMB, INC.	2,469,900
TRUSTEES OF TUFTS COLLEGE	2,468,192	VENTHOYE, GERALDINE	2,468,958	WEATHERFORD/LAMB, INC.	2,469,068
TSUKADA, YOSHIO	2,468,250	VERISIGN, INC.	2,472,014	WEAVER, MARK ALLEN	2,468,732
TSURUO, TAKASHI	2,468,046	VEVERKA, KAREN A.	2,469,340	WEBB, MURRAY	2,469,214
TUGENDREICH, STUART	2,467,910	VICARI, ALAIN P.	2,468,320	WEBBER, STEPHEN E.	2,468,552
TURNBULL, ROBERT J.	2,468,740	VICURON PHARMACEUTICALS INC.	2,468,400	WEBER, TORY	2,468,960
TURUNEN, JUHA	2,469,041	VIDAL ROS, JOSE MARIA	2,468,918	WEDA-DAMMANN & WESTERKAMP GMBH	2,469,207
TUTUNCU, AZRA NUR	2,469,166			WEERS, JEFFRY G.	2,468,958
TVEREZOVSKIY, VIACHESLAV	2,468,795			WEFERS, MARCUS	2,469,277
TVGATEWAY LLC.	2,468,657			WEFERS, MARCUS	2,469,282
TVGATEWAY LLC.	2,468,669			WEFERS, MARCUS	2,469,297
TWIN BAY MEDICAL, INC.	2,464,348			WEFERS, MARCUS	2,469,308
TWITCHEN, DANIEL JAMES	2,469,150			WEFERS, MARCUS	2,469,319
U.S. BORAX INC.	2,469,090			WEFERS, MARCUS	2,469,322
UCB, S.A.	2,468,956			WEI, MICHAEL	2,469,168
UCHIDA, DAISUKE	2,469,475			WENDER, PAUL A.	2,469,336
UFC LIMITED	2,469,223			WENDLER, ROGER E., JR.	2,469,126
UITTO, VESA	2,469,179			WERTH, ALBERT A.	2,464,348
				WESTCOTT, KAREN L.	2,468,417
				WESTRUP, JULIAN	2,469,019
				WHELIHAN, FAYELLE E.	2,470,508
				WHIRLEY, ROBERT G.	2,468,951
				WHITE, JAMES	2,468,294

## Index des demandes PCT entrant en phase nationale

WHITEHEAD, ANDREW JOHN	2,469,150	YEADON, MICHAEL	2,469,085
WHITEHOUSE, MARTHA J.	2,469,119	YEDA RESEARCH AND	
WHITMAN, TERESA	2,469,080	DEVELOPMENT CO. LTD.	2,468,944
WHYTE, WILLIAM J.	2,469,198	YING, WEIWEN	2,468,349
WICHA, MAX S.	2,469,204	YOON, SUK-HYON	2,468,919
WIDMER, CHRISTIAN	2,469,382	YOSHIDA, TOSHIOMI	2,470,853
WIEGAND, BENJAMIN	2,469,000	YOSHIDA, TSUTOMU	2,468,869
WILBY, MATTHEW J.	2,469,064	YOU, CHEOL-WOO	2,468,919
WILCOX, ROBERT L.	2,468,975	YOUNG, DONALD DUNCAN	2,469,578
WILKIN, JAMES F.	2,469,068	YOUNG, JAMES D.	2,468,973
WILKS, KARL A.	2,468,417	YU, XI-YUN	2,469,119
WILLIAMS, ANDREW		YUAN, YUMIN	2,469,214
CAERWYN	2,469,278	YUAN, ZUAN-NING	2,472,055
WILLIAMS, LEWIS T.	2,468,903	YUN, YOUNG-WOO	2,468,919
WILLIAMS, LEWIS T.	2,469,049	ZACHARIAS, ISAAC J.	2,468,951
WILLIAMS, STEVEN	2,468,501	ZAGURY, JEAN-FRANCOIS	2,469,487
WILLIBEY, DOUGLAS D.	2,467,744	ZAINO, NANCY	2,468,934
WILSON, RICHARD R.	2,468,835	ZAKNOEN, SARA L.	2,468,839
WINKLER, STEFAN	2,469,272	ZAKNOEN, SARA L.	2,468,996
WINNEROSKI, LEONARD		ZELKHA, MORRIS	2,468,303
LARRY JUNIOR	2,468,846	ZEPPENFELD, JOSEF	2,469,077
WISNIEWSKI, KARL M.	2,469,219	ZETENA, CHRISTOPHER M.	2,469,164
WOBLEN, ALOYS	2,469,074	ZHANG, FUSHAN	2,468,866
WOJCIK, STEVEN J.	2,469,113	ZHANG, HONG-YAN	2,472,097
WOLD, WARREN W.	2,469,159	ZHANG, LIANSHAN	2,468,100
WOMEN'S AND CHILDREN'S		ZHANG, SHIJIE	2,468,349
HOSPITAL	2,468,353	ZHANG, XIAO-KUN	2,468,745
WOMEN'S AND CHILDREN'S		ZHAO, MING	2,470,411
HOSPITAL	2,468,858	ZHAO, ZHONG	2,469,075
WOO, SIMON	2,468,448	ZHOU, DAN	2,468,349
WOOD, JAMES A.	2,469,126	ZHOU, LEI	2,468,911
WOOD, JEANETTE MARJORIE	2,468,811	ZHOU, QUAN	2,469,041
WOODAHL, LEIF	2,468,939	ZIJSLING, DJURRE HANS	2,468,859
WOOLSTON, ROBERT	2,469,037	ZIOUZENKOVA, OULIANA	2,467,955
WOOLSTON, ROBERT	2,469,070	ZIYATDINOV, MIKHAIL	
WOOLSTON, ROBERT	2,469,071	KHARISOVICH	2,468,178
WOUTERS, MIRA MARIA		ZODIAC AUTOMOTIVE US INC	2,467,744
WILLY	2,468,778	ZOROMSKI, PAULA	2,469,478
WRIGHT, DAVID A.	2,468,579		
WU, DAYANG	2,468,744		
WU, XU	2,470,512		
WU, YAMING	2,468,349		
WU, ZIYAN	2,468,661		
WYETH	2,469,138		
WYETH COMPANY	2,469,021		
WYO-BEN, INC.	2,469,719		
XIA, YAN	2,468,649		
XILINX, INC.	2,468,928		
XTENT, INC.	2,468,418		
XTENT, INC.	2,469,123		
XTENT, INC.	2,469,127		
XU, MINGXU	2,470,411		
XU, RUO	2,468,967		
XU, YANPING	2,468,846		
XY, INC.	2,468,772		
XY, INC.	2,468,774		
YALE UNIVERSITY	2,470,033		
YAMADA, AKIRA	2,471,735		
YAMAGUCHI, FUMINARI	2,468,827		
YAMAMOTO, HIROSHI	2,469,269		
YAMAMOTO, SHINJI	2,469,475		
YAMASAKI, MASAOKI	2,468,952		
YAMASAKI, YOSHIKI	2,470,063		
YAMAZAKI, MOTOHIRO	2,469,197		
YAN, NIANXI	2,471,821		
YANAGAWA, AKIRA	2,468,250		
YANG, HYO-YOUNG	2,469,477		
YANG, MENG	2,470,411		
YANNI, JOHN M.	2,468,749		
YARDI, SHRIRANG MADHAV	2,468,800		

## **Index of PCT Applications Entering the National Phase**

## Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

ABBOTT LABORATORIES	2,471,102	MASUKAWA, SUMIO	2,471,125	YEDA RESEARCH AND	
ABEREGG, DALE	2,471,104	MATZKE, MICHAEL	2,470,183	DEVELOPMENT CO. LTD	2,470,670
ABEREGG, DALE	2,471,472	MAULER, FRANK	2,470,183	YOSHIDA, MASANORI	2,469,081
ACCESS BUSINESS GROUP		MAX-PLANCK-GESELLSCHAFT			
INTERNATIONAL LLC	2,471,104	ZUR FOERDERUNG DER			
ACCESS BUSINESS GROUP		WISSENSCHAFTEN E.V.	2,471,093		
INTERNATIONAL LLC	2,471,472	MEDINA, CESAR	2,467,998		
BARBATO, FRANCIS T.	2,471,128	MESSINA, NEALE A.	2,471,128		
BAYER AKTIENGESELLSCHAFT	2,470,183	METT, IGOR	2,470,670		
BELETSKY, IGOR	2,470,670	MILSTED, KENNETH	2,467,998		
BELLE GATE INVESTMENT B.V.	2,466,650	MITTENDORF, JOACHIM	2,470,183		
BIGDA, JACEK	2,470,670	MIYAZAWA, HISASHI	2,469,081		
BONNET, HENRI	2,468,455	MOHRS, KLAUS-HELMUT	2,470,183		
BOSTON SCIENTIFIC SCIMED,		MOO-YOUNG, ALFRED J.	2,469,084		
INC.	2,470,709	MORINAGA & CO., LTD.	2,471,125		
BRANDT, SAMUEL I.	2,469,157	NEWSTEP NETWORKS, INC.	2,471,113		
CANDLE CORPORATION OF		NIEZGODA, THOMAS	2,471,104		
AMERICA	2,471,128	NIEZGODA, THOMAS	2,471,472		
CYMER, INC.	2,468,451	O'CONNOR, JOHN F., JR.	2,471,104		
DAS, PALASH P.	2,468,451	O'CONNOR, JOHN F., JR.	2,471,472		
DE JONG, EDUARD KAREL	2,466,650	OHNO, YOSHIHIRO	2,471,125		
DE VRY, JEAN-MARIE-VIKTOR	2,470,183	OMIZU, MORIMASA	2,471,091		
DEHAAN, JAN	2,469,157	PARTLO, WILLIAM N.	2,468,451		
DERUYTER, ANTHONY J.	2,468,451	PIPPEL, BRADLEY J.	2,471,104		
DING, NI	2,470,709	PIPPEL, BRADLEY J.	2,471,472		
DORAK, JOHN	2,467,998	RADDATZ, SIEGFRIED	2,470,183		
DOWNS, EDGAR	2,467,998	RAMMENSEE, HANS-GEORG	2,471,093		
DRESSEL, JUERGEN	2,470,183	RHONE-POULENC RORER S.A.	2,470,124		
FALK, KIRSTEN	2,471,093	RICK, BRADLEY G.	2,471,104		
FOMENKOV, IGOR V.	2,468,451	RICK, BRADLEY G.	2,471,472		
FRANZ, JUERGEN	2,470,183	RILEY, DAVID A.	2,471,102		
FRECHETTE, JOSEE	2,468,121	ROBERT, BRIAN	2,471,045		
FRIEDL, ARNO	2,470,183	ROCK, MICHAEL-HAROLD	2,470,183		
GARNER, WILLIAM NICHOLAS	2,471,048	ROETZSCHKE, OLAF	2,471,093		
GRUSE, GEORGE GREGORY	2,467,998	ROSENBERG, STEVEN P.	2,470,673		
HASHIMOTO, KENJI	2,470,672	SCHUHMACHER, JOACHIM	2,470,183		
HEATH, CATHERINE A.	2,470,673	SEIKO EPSON CORPORATION	2,469,081		
HELMUS, MICHAEL N.	2,470,709	SEKISUI CHEMICAL CO., LTD.	2,471,091		
HINDERER, LARRY	2,471,128	SHICHIRI, TOKUSHIGE	2,471,091		
HORVATH, ERVIN	2,470,183	SIEMENS MEDICAL SOLUTIONS			
HURTADO, MARCO	2,467,998	HEALTH SERVICES			
IGARASHI, HITOSHI	2,469,081	CORPORATION	2,469,157		
INNOTEX INC.	2,468,121	SPANTON, STEPHEN G.	2,471,102		
INTERNATIONAL BUSINESS		SPREYER, PETER	2,470,183		
MACHINES CORPORATION	2,467,998	STEVANOVIC, STEFAN	2,471,093		
JORK, REINHARD	2,470,183	STEWART, JEF	2,468,121		
JUNG, GUENTHER	2,471,093	STRAND, WILLIAM LESTER	2,471,048		
KANAI, AKISHIGE	2,471,125	SUNCOR ENERGY INC.	2,471,048		
KELDENICH, JOERG	2,470,183	THE POPULATION COUNCIL,			
KIEFER, NATALIE ROBIN	2,471,128	INC.	2,469,084		
KIMURA, TSUGUO	2,471,125	UNITED PARCEL SERVICE OF			
KOBAYASHI, TAKAO	2,469,081	AMERICA, INC.	2,468,455		
KOIKE, HISASHI	2,469,081	VOEHRINGER, VERENA	2,470,183		
LARSON, DONALD G.	2,468,451	WALLACH, DAVID	2,470,670		
LEHMAN, CHRISTOPHER	2,467,998	WATSON, TOM A.	2,468,451		
LIU, JIH-HUA	2,471,102	WILLIAMS, L. LLOYD	2,471,113		
LOTSPIECH, JEFFREY	2,467,998	WILSON, DARREL JAMES	2,470,673		
MADGE, DONALD NORMAN	2,471,048	WORSLEY ALUMINA PTY. LTD.	2,470,673		
MARGRAFF, RODOLPHE	2,470,124				