

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

|                                                                                      |                              |
|--------------------------------------------------------------------------------------|------------------------------|
| SUBMISSION TYPE:                                                                     | NEW ASSIGNMENT               |
| NATURE OF CONVEYANCE:                                                                | ASSIGNMENT                   |
| EFFECTIVE DATE:                                                                      | 07/28/2005                   |
| CONVEYING PARTY DATA                                                                 |                              |
| Name                                                                                 | Execution Date               |
| Pirelli & C.S.p.A.                                                                   | 07/28/2005                   |
| RECEIVING PARTY DATA                                                                 |                              |
| Name:                                                                                | GSCP Athena (Lux) II SarL    |
| Street Address:                                                                      | 31, Boulevard Prince Henri   |
| City:                                                                                | Luxembourg                   |
| State/Country:                                                                       | LUXEMBOURG                   |
| Postal Code:                                                                         | L-1724                       |
| PROPERTY NUMBERS Total: 1                                                            |                              |
| Property Type                                                                        | Number                       |
| Application Number:                                                                  | 10537707                     |
| CORRESPONDENCE DATA                                                                  |                              |
| Fax Number:                                                                          | (908)722-0755                |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                              |
| Phone:                                                                               | 908-722-0700                 |
| Email:                                                                               | ipdept@nmmlaw.com            |
| Correspondent Name:                                                                  | Davy E. Zoneraich            |
| Address Line 1:                                                                      | P.O. Box 1018                |
| Address Line 4:                                                                      | Somerville, NEW JERSEY 08876 |
| ATTORNEY DOCKET NUMBER:                                                              | 105137-029US                 |
| NAME OF SUBMITTER:                                                                   | Davy E. Zoneraich            |
| Total Attachments: 18<br>source=assn1#page1.tif<br>source=assn1#page2.tif            |                              |

CH \$40.00 10537707

500238289

PATENT  
REEL: 019003 FRAME: 0264

source=assn1#page3.tif  
source=assn1#page4.tif  
source=assn1#page5.tif  
source=assn1#page6.tif  
source=assn1#page7.tif  
source=assn1#page8.tif  
source=assn1#page9.tif  
source=assn1#page10.tif  
source=assn1#page11.tif  
source=assn1#page12.tif  
source=assn1#page13.tif  
source=assn1#page14.tif  
source=assn1#page15.tif  
source=assn1#page16.tif  
source=assn1#page17.tif  
source=assn1#page18.tif

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

**PATENTS ONLY**

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

**Pirelli & C. S.p.A.**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **7/28/05**

## 2. Name and address of receiving party(ies):

Name: **GSCP Athena (Lux) II SarL**Address: **31, Boulevard Prince Henri**

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_

Country: **Luxembourg** ZIP: **L-1724**

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.

Filing date

B. Patent No.(s)

**10/537,707****6/3/05**

Additional numbers

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Davy E. Zoneraich**Registration No. **37,267**Address: **P.O. Box 1018**City: **Somerville**State/Prov.: **NJ**Country: **U.S.A.**ZIP: **08876**

## 6. Total number of applications and patents involved:

**1**7. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

**14-1263**

(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***Davy E. Zoneraich**

Name of Person Signing

Signature

**March 13, 2007**

Date

**18**

Total number of pages including cover sheet, attachments, and document:

**PATENT****REEL: 019003 FRAME: 0266**

AG 2744

## PATENT ASSIGNMENT AGREEMENT

By and between

Pirelli & C. S.p.A. an Italian corporation with its registered office at Via G. Negri 10, 20123 Milan, Italy ("Pirelli")

and

GSCP Athena (Lux) II SarL, a corporation with registered office at 31, Boulevard Prince Henri, L-1724, Luxembourg ("GSCP LUX II")

### RECITALS

- A. Pirelli, Pirelli Cavi e Sistemi Energia SpA, Pirelli Cable Holding N.V., GSCP Athena (French) Holdings SAS and GSCP Athena (German) Holdings GmbH and GSCP Athena S.r.L., an Affiliate of GSCP LUX II, are parties to a certain Sale and Purchase Agreement dated effective June 1 2005 (the "Purchase Agreement").
- B. Pirelli is the owner of certain patents more fully described herein.
- C. In connection with the Purchase Agreement, Pirelli has agreed to transfer to GSCP LUX II certain patents, as more particularly set forth below.

NOW, THEREFORE, in consideration of the mutual promises contained herein, and other good and valuable consideration, the parties hereby agree as follows:

#### 1. Definitions

The capitalized terms used in this Agreement shall have the meanings specified in this Agreement and below:

1.1 "Affiliate" shall mean with respect to any person, an individual, corporation, partnership, firm, association, unincorporated organization or other entity directly or indirectly controlling, controlled by or under common control with, such person where "control" shall have the meaning set forth in Article 2359, first paragraph, no. 1 of the Italian Civil Code.

1.2 "Assigned Patents" shall mean the Patents listed in Exhibit 1 hereto.

1.3 "Closing Date" shall have the meaning set forth in section 1.01.19 of the Purchase Agreement.

*Handwritten signature/initials*

**PATENT**

**REEL: 019003 FRAME: 0267**

1.4 "Companies" shall have the meaning set forth in section 1.01.22 of the Purchase Agreement.

1.5 "Patent" shall mean a patent or patent application with an effective filing date or priority date on or prior to the Closing Date, including, without limitation, foreign counterparts to the same, whether or not pending on the Closing Date, and any patents granted therefrom; and corresponding divisional, reissue, reexamination, continuation or continuation-in-part applications, whether or not pending on the Closing Date, and any patents granted therefrom.

1.6 "Patent and Know-How License Agreement" shall mean the Patent and Know-How License Agreement entered into between the Parties the date of this Agreement;

1.7 "Subsidiaries" shall have the meaning set forth in section 1.01.106 of the Purchase Agreement.

## 2. Assignment

2.1 As of the Closing Date, and in consideration of the sum of EUR 14,000,000 receipt of which is hereby acknowledged by Pirelli, Pirelli hereby assigns, transfers and conveys all of its right, title and interest (and shall procure that any other relevant Affiliate of Pirelli assigns, transfers and conveys all of its right, title and interest) in and to the Assigned Patents to GSCP LUX II including:

- (a) the benefit of all priority dates;
- (b) the right to seek and obtain registrations in other countries;
- (c) the right to sue for and obtain injunctive relief, damages, and all other relief in respect of any infringement or misuse (whether past, present or future) of the Assigned Patents or of the rights conferred by publication of the application for the Assigned Patents.

2.2 GSCP LUX II shall have the exclusive right, in its sole discretion, to prosecute and maintain the Assigned Patents in its own name, at its own cost and expense.

2.3 Pirelli hereby undertakes, at its own expense, to execute all documents and, at GSCP LUX II's request, take all other reasonable action necessary to properly record the assignment under section 2.1 of this Agreement and to perfect the vesting in the name of GSCP LUX II of the Assigned Patents (the cost and expense of which shall be divided equally between Pirelli and GSCP LUX II) and, until this assignment is recorded on relevant registers and at the expense of GSCP LUX II, to prosecute, obtain and maintain the Assigned Patents.

2.4 GSCP LUX II acknowledges that the Assigned Patents listed in Exhibit 1, Part B, are subject to Corning Incorporated license rights set forth in the Patent License Agreement entered into between Pirelli, Pirelli Cavi e Sistemi Telecom S.p.A and Corning Incorporated on April 13, 2005.

2.5 Pirelli shall deliver to GSCP LUX II (or GSCP LUX II's nominated representative) as soon as practicable after the date of this agreement all deeds, documents of title, certificates and other files and records (including those of its agents) relating to the Assigned Patents.

### 3. Representations and Warranties

3.1 GSCP LUX II represents and warrants to Pirelli as of the Closing Date that GSCP LUX II has all requisite legal right, power and authority to execute, deliver and perform this Agreement.

3.2 Pirelli represents and warrants to GSCP LUX II that as of the Closing Date, Pirelli has all requisite legal right, power and authority to execute, deliver and perform this Agreement.

### 4. Miscellaneous

4.1 Notices. All notices required to be sent by either party under this Agreement shall be deemed given: (i) when sent by confirmed telex or telecopy with confirmation by commercial overnight courier; (ii) one business day after being sent by commercial overnight courier with written verification of receipt; or (iii) when received after being mailed postage prepaid by certified or registered mail, return receipt requested, to the party to be notified, at the respective addresses set forth below or at such other address which may hereinafter be designated in writing:

If to Pirelli:

Viale Sarca 222  
20126 Milan, Italy  
Fax +39 02 6442 5332  
Attention: Director, Industrial Property Department

With copy to:

Bonelli Erede Pappalardo  
Via Barozzi, 1  
20122 Milano, Italy  
Attention: Roberto Cera/Luca Picone  
Fax: +39 02 7711 3260

If to GSCP LUX II:

GSCP Athena S.r.l.  
C/o GS Capital Partners L.P.  
Attention: Managing Director

Fax: +44 20 7774 4477

With copy to:

Gianni, Origoni, Grippo & Partners  
Piazza Belgioso, 2  
20121 Milano, Italy  
Attention: Fabio Labruna/Andrea Mazziotti  
Fax: +39 02 7600 9628

4.2 Amendment. This Agreement may be amended or supplemented only by a writing that refers specifically to this Agreement and is signed by duly authorized representatives of the parties hereto.

4.3 Governing Law. This Agreement shall be governed by, and construed and interpreted in accordance with, the Laws of the Republic of Italy.

4.4 Arbitration. All disputes arising out of or in connection with this Agreement shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce by three arbitrators (each an "Arbitrator") appointed in accordance with the said Rules. The determination of the Arbitrators will be made in accordance with the applicable principles of law and shall have the force and effect of a judicial decision between the Parties in accordance with the applicable provisions of the Italian Code of Civil Procedure.

The place of arbitration shall be Milan, Italy. The language to be used in the arbitral proceedings shall be English.

The expenses of the arbitration proceedings shall be borne by the Parties in accordance with the applicable determinations of the arbitration panel.

4.5 Exclusive Jurisdiction. Without prejudice to the provisions of section 4.4 and to the jurisdiction of the Arbitrators contemplated thereby, the Parties hereby elect the exclusive jurisdiction of any competent court in the City of Milan (Italy) with respect to any legal suit, action or proceeding which, under applicable law, may be instituted against the Parties before a court of justice in connection with this Agreement.

4.6 Waiver. Except as otherwise provided in this Agreement, any failure of any of the parties to comply with any obligation, covenant, agreement or condition herein may be waived by the party entitled to the benefit thereof only by a written instrument signed by the party granting such waiver, but such waiver or failure to insist upon strict compliance

with such obligation, representation, warranty, covenant, agreement or condition shall not operate as a waiver of, or estoppel with respect to, any subsequent or other failure.

4.7 Entire Agreement. This Agreement, including all Exhibits hereto, all of which are incorporated by this reference, the Patent and Know-How License Agreement and the Purchase Agreement set forth the entire agreement and understanding between the parties with respect to the subject matter of this Agreement, and supersede and merge all prior discussions, agreements or understanding between the parties hereto relating to the subject matter hereof. In case of any conflict between provisions of this Agreement and provisions of the Patent and Know-How License Agreement and/or the Purchase Agreement provisions of this Agreement shall prevail.

4.8 Severability. If any provision of this Agreement is held to be invalid or unenforceable for any reason it will be adjusted rather than voided, if possible, in order to achieve the intent of the Parties to this Agreement to the fullest extent possible. In any event, all other provisions of this Agreement will be deemed valid and enforceable to the fullest extent possible.

4.9 Counterparts. This Agreement may be executed in one or more counterparts, each of which when executed shall be deemed to be an original, but all of which taken together shall constitute one and the same instrument. This Agreement may be executed via facsimile signature and parties shall promptly follow-up with execution of an original.

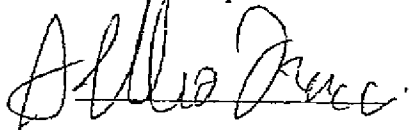
4.10 Withholding of tax. If any withholding taxes are required to be levied in connection with the consideration payable to Pirelli, GSCP LUX II shall be entitled to deduct such taxes from such consideration, pay such taxes to the tax authorities on behalf of Pirelli and remit to Pirelli, in full satisfaction of its obligations hereunder, the net amount after such deduction together with the relevant receipt evidencing the payment of such taxes.

4.11 Value Added Tax. This agreement is subject or deemed to be subject to the value added tax for the purposes of the Italian registration tax.

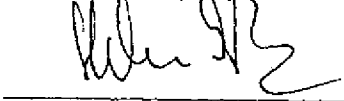
IN WITNESS WHEREOF, the parties have caused their duly authorized officers to execute this Agreement, on the dates below indicated.

July 28, 2005

Pirelli & C S.p.A.



GSCP Athena (Lux) II SarL





# EXHIBIT 1

## CASE LIST

| N. CaseNum    | Owner            | Title                                                                                                                                         | Prior.Date | Prior.No   |
|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| <b>PART A</b> |                  |                                                                                                                                               |            |            |
| 1 P0505       | PIRELLI SPA      | process and device for realizing cable joints                                                                                                 | 27/12/1983 | 83IT-24382 |
| 2 P0506       | PIRELLI SPA      | improved oil filled electric cable                                                                                                            | 17/01/1984 | 84IT-19162 |
| 3 P0507       | PIRELLI SPA      | method for joining two optical fibres and the junction thus obtained                                                                          | 27/01/1984 | 84IT-19341 |
| 4 P0509       | PIRELLI SPA      | boxes for electric power distributing plants utilizing flat cables and the plants incorporating said boxes                                    | 29/02/1984 | 84IT-19843 |
| 5 P0510       | PIRELLI SPA      | non fire spreading type of electric cable                                                                                                     | 18/04/1984 | 84IT-20583 |
| 6 P0511       | PIRELLI SPA      | telecommunication optical fiber submarine cable2                                                                                              | 19/04/1984 | 84IT-20620 |
| 7 P0512       | PIRELLI SPA      | telecommunication optical fiber submarine cable                                                                                               | 19/04/1984 | 84IT-20621 |
| 8 P0513       | PIRELLI SPA      | optical fibre protected against the absorption of gaseous hydrogen                                                                            | 27/04/1984 | 84IT-20700 |
| 9 P0514       | PIRELLI SPA      | Optical fibre cable provided with a protection against the absorption of gaseous hydrogen by the optical fibres                               | 27/04/1984 | 84IT-20699 |
| 10 P0515      | PIRELLI SPA      | improvement to submarine optical fibres cables for telecommunications                                                                         | 29/05/1984 | 84IT-21158 |
| 11 P0516      | PIRELLI SPA      | cable joint for submarine optical fibres telecommunication cables                                                                             | 29/06/1984 | 84IT-21650 |
| 12 P0517      | PIRELLI SPA      | submarine cable line for optical fibre communication                                                                                          | 01/08/1984 | 84IT-22161 |
| 13 P0518      | Pirelli & C. SpA | joint for cables with an extruded insulation                                                                                                  | 28/09/1984 | 84IT-22912 |
| 14 P0520      | PIRELLI SPA      | device for restricting water propagation along a submerged cable                                                                              | 31/10/1984 | 84IT-23418 |
| 15 P0521      | Pirelli & C. SpA | filler for optical fiber cables and their components and optical fiber cables and their components containing said filler                     | 23/11/1984 | 84IT-23729 |
| 16 P0522      | PIRELLI SPA      | method for joining two aluminum conductors of electric cables and the joint thus obtained                                                     | 27/11/1984 | 84IT-23761 |
| 17 P0523      | PIRELLI SPA      | low voltage electric cable                                                                                                                    | 06/12/1984 | 84IT-23928 |
| 18 P0524      | PIRELLI SPA      | process and apparatus for manufacturing a core provided with open helix groovesfor elementary optical fibre cables                            | 17/12/1984 | 84IT-24090 |
| 19 P0525      | PIRELLI SPA      | process and production lines for optical fiber elementary cables having cores with open helix grooves                                         | 17/12/1984 | 84IT-24091 |
| 20 P0526      | PIRELLI SPA      | stop joint between cables having an extruded insulation and cables aided by a dielectric fluid                                                | 17/12/1984 | 84IT-24092 |
| 21 P0527      | PIRELLI SPA      | joint between an extruded insulation cable and a cable with an insulation that is aided by a dielectric fluid                                 | 17/12/1984 | 84IT-24089 |
| 22 P0529      | PIRELLI SPA      | device for raising and laying submerged cables after repair                                                                                   | 21/12/1984 | 84IT-24221 |
| 23 P0530      | PIRELLI SPA      | process for forming flexible tubular bodies and device for carrying into effect said process                                                  | 15/02/1985 | 85IT-19536 |
| 24 P0531      | PIRELLI SPA      | submarine cable for optical fibres telecommunication                                                                                          | 26/02/1985 | 85IT-19655 |
| 25 P0532      | Pirelli & C. SpA | optical fibres telecommunications submarine cable                                                                                             | 26/02/1985 | 85IT-19654 |
| 26 P0533      | PIRELLI SPA      | joint for optical fiber telecommunication submarine cables                                                                                    | 01/03/1985 | 85IT-19736 |
| 27 P0534      | Pirelli & C. SpA | Hydrogen absorbing composition for optical fibres cables and cables and their components incorporating said composition                       | 12/04/1985 | 85IT-20310 |
| 28 P0535      | PIRELLI SPA      | submarine cable for optical fibres telecommunication                                                                                          | 29/05/1985 | 85IT-20943 |
| 29 P0536      | PIRELLI SPA      | granulator device                                                                                                                             | 31/05/1985 | 85IT-20993 |
| 30 P0537      | PIRELLI SPA      | equipment for continuously bituminizing cables                                                                                                | 31/05/1985 | 85IT-20994 |
| 31 P0539      | PIRELLI SPA      | submarine optical fibres telecommunication line                                                                                               | 26/06/1985 | 85IT-21300 |
| 32 P0541      | PIRELLI SPA      | process and line for manufacturing cables                                                                                                     | 27/09/1985 | 85IT-22302 |
| 33 P0542      | Pirelli & C. SpA | optical fibres telecommunications cable incorporating a hydrogen absorbing mixture and a hydrogen absorbing mixture for optical fibres cables | 08/10/1985 | 85IT-22390 |

## CASE LIST

| N. CaseNum | Owner            | Title                                                                                                                                | Prior.Date | Prior.No   |
|------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 34 P0544   | Pirelli & C. SpA | electric cable and the material used for covering the electrical conductors which act as the insulation and or sheath                | 31/10/1985 | 85IT-22693 |
| 35 P0547   | PIRELLI SPA      | connector for optical fiber cables                                                                                                   | 18/12/1985 | 85IT-23268 |
| 36 P0548   | Pirelli & C. SpA | device for limiting the bending of a submarine cable portion                                                                         | 20/12/1985 | 85IT-23316 |
| 37 P0551   | PIRELLI SPA      | electric cables and material for forming the conductor covering of electric cables                                                   | 20/12/1985 | 85IT-23313 |
| 38 P0552   | PIRELLI SPA      | method and apparatus for cutting optical fibres                                                                                      | 06/02/1986 | 86IT-19322 |
| 39 P0553   | PIRELLI SPA      | electric cable with improved screen and process for constructing said screen                                                         | 28/02/1986 | 86IT-19598 |
| 40 P0554   | PIRELLI SPA      | termination of a tube for transporting pressurized fluids and method for realizing said termination                                  | 28/03/1986 | 86IT-19940 |
| 41 P0555   | Pirelli & C. SpA | method for joining the ends of two elongated elements provided with peripheral grooves and the joint thus obtained                   | 14/04/1986 | 86IT-20079 |
| 42 P0556   | Pirelli & C. SpA | electrical cable with extruded insulation having a filled conductor filler for electrical cables and the cable manufacturing process | 14/04/1986 | 86IT-20078 |
| 43 P0557   | PIRELLI SPA      | method for axially positioning an optical fiber in an expanded beam connector and the relative connector itself                      | 19/05/1986 | 86IT-20479 |
| 44 P0561   | Pirelli & C. SpA | apparatus for measuring the length difference between an optical fibre and a protective tube loosely housing the fibre               | 31/07/1986 | 86IT-21331 |
| 45 P0562   | Pirelli & C. SpA | Direct current electric cables having a compound impregnated insulation                                                              | 04/08/1986 | 86IT-21405 |
| 46 P0563   | PIRELLI SPA      | Electric cable having an insulation impregnated with a compound assisted by a pressurized gas                                        | 29/10/1986 | 86IT-22169 |
| 47 P0564   | PIRELLI SPA      | Joint for telecommunication cables comprising optical fibers                                                                         | 02/03/1987 | 87IT-19543 |
| 48 P0565   | PIRELLI SPA      | Bidirectional coupler for three optical waveguides                                                                                   | 02/03/1987 | 87IT-19544 |
| 49 P0566   | PIRELLI SPA      | Apparatus for manufacturing cables comprising optical fibers                                                                         | 02/03/1987 | 87IT-19542 |
| 50 P0567   | Pirelli & C. SpA | Cable for conveying electric power and for transmitting optical signals                                                              | 31/03/1987 | 87IT-19905 |
| 51 P0569   | PIRELLI SPA      | Optical fiber cable                                                                                                                  | 30/06/1987 | 87IT-21105 |
| 52 P0571   | PIRELLI SPA      | Method for winding up filiform elements on bobbins and bobbin related thereto                                                        | 17/07/1987 | 87IT-21334 |
| 53 P0572   | PIRELLI SPA      | Submarine telecommunication line comprising optical fibers                                                                           | 27/07/1987 | 87IT-21448 |
| 54 P0573   | PIRELLI SPA      | Electric cable                                                                                                                       | 05/10/1987 | 87IT-22138 |
| 55 P0574   | PIRELLI SPA      | Connector for optical fibers and method for the axial positioning of an optical fiber in the connector                               | 14/10/1987 | 87IT-22261 |
| 56 P0575   | PIRELLI SPA      | Expanded beam connector for optical fibers                                                                                           | 29/10/1987 | 87IT-22447 |
| 57 P0577   | Pirelli & C. SpA | Method and equipment for laying underground an elongated element                                                                     | 22/04/1988 | 88IT-20292 |
| 58 P0578   | PIRELLI SPA      | Optical fiber cable                                                                                                                  | 15/07/1988 | 88IT-21371 |
| 59 P0579   | PIRELLI SPA      | Optical connector                                                                                                                    | 27/07/1988 | 88IT-21500 |
| 60 P0580   | Pirelli & C. SpA | Electric cable                                                                                                                       | 21/10/1988 | 88IT-22397 |
| 61 P0581   | Pirelli & C. SpA | Device for applying sleeves to electric cable joint                                                                                  | 10/11/1988 | 88IT-22578 |
| 62 P0582   | Pirelli & C. SpA | Process and apparatus for inserting a rigid support in a sieve for joint of electric cables                                          | 11/11/1988 | 88IT-22585 |
| 63 P0584   | Pirelli & C. SpA | element of a device for realizing a joint of electric cables joint for electric cables obtained therethrough                         | 16/01/1989 | 89IT-19102 |
| 64 P0586   | Pirelli & C. SpA | Improved diameter clamp particularly for joining cable cores and its manufacturing process                                           | 08/03/1989 | 89IT-19695 |

## CASE LIST

| N. CaseNum | Owner            | Title                                                                                                                                                   | Prior.Date | Prior.No       |
|------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| 65 P0587   | Pirelli & C. SpA | Improved support structures for optical fibers in overhead ground wires and optical fiber cables                                                        | 24/03/1989 | 89IT-19900     |
| 66 P0589   | Pirelli & C. SpA | Covering for cable joints elements of a device for realizing cable joints and cable joint comprising said covering                                      | 20/04/1989 | 89IT-20216     |
| 67 P0593   | Pirelli & C. SpA | Detachable connecting group for ribbon optical fibers and method for making the same                                                                    | 24/07/1989 | 89IT-21276     |
| 68 P0595   | Pirelli & C. SpA | Storable coating element for electrical cable joints for cables with different diameters, provided with an insulating layer permitting residual deforma | 01/08/1989 | 89IT-21404     |
| 69 P0596   | Pirelli & C. SpA | Process for making a detachable connecting group for ribbon optical fibres and connecting group obtained thereby                                        | 28/09/1989 | 89IT-21866     |
| 70 P0597   | PIRELLI SPA      | Storable coating element for electric cable joints to be applied to several cables having different diameters, in which the inner layer has a low resi  | 11/10/1989 | 89IT-21979     |
| 71 P0613   | Pirelli & C. SpA | Drawing head for ribbon type optical cables equipped with respective connectors                                                                         | 28/02/1990 | 90IT-19510     |
| 72 P0614   | Pirelli & C. SpA | Joint for optical cables and cable cores and method for making the same                                                                                 | 20/03/1990 | 90IT-19720     |
| 73 P0617   | Pirelli & C. SpA | Optical fiber cables and components thereof containing an homogeneous barrier mixture suitable to protect optical fibres from hydrogen, and relevant h  | 02/07/1990 | 90IT-20834     |
| 74 P0618   | Pirelli & C. SpA | Optical fiber cables and components thereof containing an homogeneous barrier composition capable of protecting optical fibres from hydrogen, and rele  | 02/07/1990 | 90IT-20833     |
| 75 P0620   | Pirelli & C. SpA | Optical fibre element comprising a housing for optical fibres, constituted by polyolefin material, and an H2 absorbing buffer                           | 29/11/1990 | 90IT-22236     |
| 76 PC0621  | Pirelli & C. SpA | procedimento ed apparecch. per la realizzaz. di isolatori in materiale composito per linee aeree di trasporto di energia elettrica.                     | 01/02/1991 | 91IT-MI000259A |
| 77 PC0622  | Pirelli & C. SpA | apparecchiatura per la realizzazione di isolatori compositi per linee elettriche aeree                                                                  | 01/02/1991 | 91IT-MI000261A |
| 78 PC0623  | Pirelli & C. SpA | procedimento ed apparecchiatura per la realizzazione di isolatori compositi per linee elettriche aeree                                                  | 01/02/1991 | 91IT-MI000260A |
| 79 PC0624  | Pirelli & C. SpA | slotted core cable for ribbon fibres                                                                                                                    | 08/03/1991 | 91IT-MI000597A |
| 80 PC0625  | Pirelli & C. SpA | method for the construction of a slotted core cable for ribbon fibres                                                                                   | 08/03/1991 | 91IT-MI000598A |
| 81 PC0628  | Pirelli & C. SpA | scaricatore di sovratensioni per una linea elettrica aerea                                                                                              | 29/03/1991 | 91IT-MI000862A |
| 82 PC0630  | Pirelli & C. SpA | testa di estrusione per applicare rivestimenti in materiale polimerico su semilavorati di conformazione cilindrica allungata                            | 13/05/1991 | 91IT-MI001296A |
| 83 PC0632  | Pirelli & C. SpA | macchina per la marcatura in continuo di elementi flessibili allungati                                                                                  | 09/07/1991 | 91IT-MI001891A |
| 84 PC0633  | Pirelli & C. SpA | metodo per preparare una miscela polimerica per isolanti e rivestimenti di cavi, miscela polimerica così prodotta e cavi che la incorporano             | 31/10/1991 | 91IT-MI002698A |
| 85 PC0634  | Pirelli & C. SpA | complesso di rivestimento di elementi cilindrici allungati quali giunti di cavi elettrici                                                               | 08/11/1991 | 91IT-MI002982A |
| 86 PC0635  | Pirelli & C. SpA | complesso di rivestimento per corpi cilindrici allungati quali giunti di cavi elettrici                                                                 | 16/12/1991 | 91IT-MI003360A |
| 87 PC0636  | Pirelli & C. SpA | tubular supporting element for a sleeve for covering junctions, particularly for cables for transmitting electrical energy and process and apparatus    | 16/12/1991 | 91IT-MI003362A |
| 88 PC0637  | Pirelli & C. SpA | method for the preparation of precursors for superconductors and compounds thus obtained                                                                | 02/04/1992 | 92IT-MI000798A |
| 89 PC0638  | Pirelli & C. SpA | cavo per alte temperature di esercizio                                                                                                                  | 08/05/1992 | 92IT-MI001113A |
| 90 PC0639  | Pirelli & C. SpA | giunto di riparazione per cavi a fibre ottiche                                                                                                          | 22/09/1992 | 92IT-MI002172A |
| 91 PC0646  | Pirelli & C. SpA | hydrogen-absorbing composition for optical fiber cables and optical fiber cables incorporating such composition                                         | 29/06/1993 | 93IT-MI001398A |
| 92 PC0650  | Pirelli & C. SpA | terminale per cavo elettrico                                                                                                                            | 11/02/1994 | 94IT-MI000239A |

## CASE LIST

| N. CaseNum | Owner            | Title                                                                                                                                                       | Prior.Date               | Prior.No                      |
|------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------|
| 93 PC0653  | Pirelli & C. SpA | production process for elastomer sleeves for covering electric cable joints and associated sleeve                                                           | 19/05/1994               | 94IT-MI001018A                |
| 94 PC0654  | Pirelli & C. SpA | high voltage cable                                                                                                                                          | 24/05/1994               | 94IT-MI001044A                |
| 95 PC0660  | Pirelli & C. SpA | Optical cable protected against humidity                                                                                                                    | 24/11/1994               | 94IT-MI002380A                |
| 96 PC0662  | Pirelli & C. SpA | cavo autoestinguente ed a bassa emissione di fumi e gas tossici e corrosivi e procedimento per la sua produzione                                            | 23/12/1994               | 94IT-MI002630A                |
| 97 PC0665  | Pirelli & C. SpA | elastic sleeve support -ELASPEED                                                                                                                            | 27/03/1995               | 95IT-MI000606A                |
| 98 PC0667  | Pirelli & C. SpA | Composizione isolante ed anticorrosiva per dispositivi elettrici.                                                                                           | 14/04/1995               | 95IT-MI000770A                |
| 99 PC0668  | Pirelli & C. SpA | procedimento per la produzione di un nastro superconduttore multifilamentare ed elemento conduttore elettrico comprendente tale nastro.                     | 08/06/1995               | 95IT-MI001207A                |
| 100 PC0669 | Pirelli & C. SpA | composizione polimerica per il rivestimento di cavi elettrici avente una migliorata resistenza al "water treeing" e cavo elettrico includente la sudd       | 21/06/1995               | 95IT-MI001330A                |
| 101 PC0674 | Pirelli & C. SpA | process to make miniaturized multipolar flame-propagation-resistant cables having a reduced emission of toxic and noxious gases and cables obtained th      | 11/10/1995               | 95IT-MI002065A                |
| 102 PC0680 | Pirelli & C. SpA | terminal for connecting a superconducting multiphase cable to a room temperature electrical equipment                                                       | 21/12/1995               | 95IT-MI002723A                |
| 103 PC0681 | Pirelli & C. SpA | high power superconducting cable                                                                                                                            | 28/12/1995               | 95IT-MI002776A                |
| 104 PC0689 | Pirelli & C. SpA | water tree resistant insulating composition                                                                                                                 | 21/06/1996               | 96EP-830358.6                 |
| 105 PC0692 | Pirelli & C. SpA | cavo autoestinguente a bassa emissione di fumi e gas tossici e corrosivi                                                                                    | 30/07/1996               | 96IT-MI001625A                |
| 106 PC0695 | Pirelli & C. SpA | rivestimento isolante a profilo alettato e relativo metodo di fabbricazione                                                                                 | 31/07/1996               | 96IT-MI001637A                |
| 107 PC0696 | Pirelli & C. SpA | composizione antifiamma per mescole polimeriche                                                                                                             | 23/09/1996               | 96IT-MI001948A                |
| 108 PC0697 | Pirelli & C. SpA | Optical cable for data transmission in local net                                                                                                            | 16/09/1996               | 96IT-MI001899A                |
| 109 PC0698 | Pirelli & C. SpA | TWO-LAYERED ELASTIC TUBULAR COVERING FOR ELECTRIC COMPONENTS, IN PARTICULAR TERMINATIONS FOR ELECTRIC CABLES, AND RELATED MANUFACTURING METHOD AND MOUNTING | 29/10/1996               | 96IT-MI002247A                |
| 110 PC0700 | Pirelli & C. SpA | cavo ottico con nucleo tubolare metallico                                                                                                                   | 29/11/1996               | 96IT-MI002494A                |
| 111 PC0703 | Pirelli & C. SpA | Water resistan cable                                                                                                                                        | 10/02/1997<br>28/05/1997 | 97IT-MI000263A<br>97US-047999 |
| 112 PC0704 | Pirelli & C. SpA | method and system for transporting electric power in a link                                                                                                 | 26/02/1997<br>19/06/1997 | 97EP-103126.5<br>97US-50169   |
| 113 PC0705 | Pirelli & C. SpA | Transposed cable for making windings in electric machines, manufacturing process of the same, and method of making a winding by said transposed cable       | 13/02/1997               | 97IT-MI000292A                |
| 114 PC0706 | Pirelli & C. SpA | CABLE WITH FIRE-RESISTANT, MOISTURE-RESISTANT COATING                                                                                                       | 13/03/1997<br>15/06/1997 | 97IT-MI000559A<br>97US-050956 |
| 115 PC0708 | Pirelli & C. SpA | DRY TERMINATION FOR AN ELECTRIC CABLE                                                                                                                       | 10/04/1997               | 97IT-MI000817A                |
| 116 PC0711 | Pirelli & C. SpA | IMPACT-RESISTANT COATING FOR CABLES                                                                                                                         | 15/05/1997<br>20/05/1997 | 97EP-107969.4<br>97US-047127  |
| 117 PC0718 | Pirelli & C. SpA | cavo a fibre ottiche ad elevata resistenza al tracking                                                                                                      | 18/07/1997               | 97EP-112328.6                 |
| 118 PC0719 | Pirelli & C. SpA | cavi con rivestimento riciclabile a bassa deformazione residua                                                                                              | 23/07/1997               | 97IT-MI001741A                |
| 119 PC0720 | Pirelli & C. SpA | cavi con rivestimento riciclabile a distribuzione omogenea                                                                                                  | 23/07/1997               | 97IT-MI01739A                 |
| 120 PC0721 | Pirelli & C. SpA | System for measuring the alternating current equivalent series resistance of a conductor                                                                    | 23/07/1997<br>25/07/1997 | 97IT-MI01740A<br>97US-053810  |
| 121 PC0729 | Pirelli & C. SpA | high temperature superconducting cable and process for manufacturing the same.                                                                              | 05/08/1997<br>25/09/1997 | 97EP-202433.5<br>97US-59986   |

## CASE LIST

| N. CaseNum | Owner            | Title                                                                                                                                                                                       | Prior.Date                                           | Prior.No                                                            |
|------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------|
| 122 PC0736 | Pirelli & C. SpA | cavo elettrico autoestinguente a bassa produzione di fumi e composizione antinfiamma ivi impiegata.                                                                                         | 23/07/1997<br>23/07/1997<br>01/12/1997<br>04/12/1997 | 97IT-MI001739A<br>97IT-MI001741A<br>97EP-121042.2<br>97US-60/067163 |
| 123 PC0738 | Pirelli & C. SpA | Process for the manufacture of an optical core for a telecommunications cable                                                                                                               | 04/12/1997<br>08/12/1997                             | 97EP-121295.6<br>97US-67899                                         |
| 124 PC0740 | Pirelli & C. SpA | Electrical cable having a semiconductive water-blocking expanded layer                                                                                                                      | 22/12/1997<br>22/01/1998                             | 97IT-MI02839A<br>98US-072147                                        |
| 125 PC0748 | Pirelli & C. SpA | cavo elettrico con protezione autoriparante.                                                                                                                                                | 04/03/1998<br>04/03/1998                             | 98EP-103767.4<br>98US-60/076752                                     |
| 126 PC0750 | Pirelli & C. SpA | composizione avente bassa resistività termica e metodo per la posa di cavi interrati per il trasporto di energia elettrica                                                                  | 05/06/1998<br>10/06/1998                             | 98EP-110292.4<br>98US-88844                                         |
| 127 PC0756 | Pirelli & C. SpA | cavo ottico con riempitivo tamponante                                                                                                                                                       | 05/06/1998<br>10/06/1998                             | 98EP-110353.4<br>98US-60/088831                                     |
| 128 PC0760 | Pirelli & C. SpA | HIGH VOLTAGE DIRECT CURRENT ELECTRICAL CABLE WITH MASS- IMPREGNATED INSULATION.                                                                                                             | 06/07/1998<br>27/07/1998                             | 98EP-112473.8<br>98US-60/094257                                     |
| 129 PC0761 | Pirelli & C. SpA | Hybrid electrical-optical cable for overhead installations                                                                                                                                  | 20/07/1998                                           | 98IT-MI001658A                                                      |
| 130 PC0763 | Pirelli & C. SpA | cavo resistente all'acqua                                                                                                                                                                   | 07/10/1998<br>16/10/1998                             | 98EP-118900.4<br>98US-104637                                        |
| 131 PC0768 | Pirelli & C. SpA | low-smoke self-extinguishing electrical cable and flame-retardant composition used therein.                                                                                                 | 25/09/1998<br>01/10/1998                             | 98EP-118194.4<br>98US-60/102926                                     |
| 132 PC0778 | Pirelli & C. SpA | sistema di trasmissione di energia elettrica mediante superconduttori                                                                                                                       | 24/12/1998<br>12/01/1999                             | 98EP-124699.4<br>99US-115632                                        |
| 133 PC0782 | Pirelli & C. SpA | metodo ed apparecchiatura per l'impregnazione in continuo di granuli di materia plastica                                                                                                    | 29/12/1998<br>31/12/1998                             | 98EP-204456.2<br>98US-114534                                        |
| 134 PC0786 | Pirelli & C. SpA | dispositivo limitatore di curvatura per cavi                                                                                                                                                | 23/12/1998<br>12/01/1999                             | 98EP-124572.3<br>99US-115592                                        |
| 135 PC0791 | Pirelli & C. SpA | cavo superconduttore                                                                                                                                                                        | 24/12/1998<br>31/12/1998                             | 98EP-204403.4<br>98US-114543                                        |
| 136 PC0792 | Pirelli & C. SpA | processo per produrre cavi autoestinguenti a bassa produzione di fumi e composizioni antinfiamma ivi impiegate.                                                                             | 24/12/1998<br>12/01/1999                             | 98EP-124648.1<br>99US-115593                                        |
| 137 PC0793 | Pirelli & C. SpA | cavi con rivestimento riciclabile                                                                                                                                                           | 30/12/1998<br>04/02/1999                             | 98EP-830800.3<br>99US-60/118804                                     |
| 138 PC0794 | Pirelli & C. SpA | Method and apparatus for the production of optical fibre cables and cable so manufactured                                                                                                   | 29/12/1998<br>15/01/1999                             | 98EP-124775.2<br>99US-607116229                                     |
| 139 PC0795 | Pirelli & C. SpA | cavo superconduttore                                                                                                                                                                        | 24/12/1998<br>31/12/1998                             | 98EP-204401.8<br>98US-114546                                        |
| 140 PC0796 | Pirelli & C. SpA | Methods for joining high temperature superconducting components in a superconducting cable with negligible critical current degradation and articles of manufacture in accordance therewith | 02/06/1999                                           | 99US-09/324144                                                      |
| 141 PC0802 | Pirelli & C. SpA | cavo ottico sottomarino                                                                                                                                                                     | 31/03/1999<br>05/04/1999                             | 99EP-106565.7<br>99US-127885                                        |
| 142 PC0805 | PIRELLI SPA      | cavo resistente all'acqua                                                                                                                                                                   | 25/03/1999<br>02/04/1999                             | 99EP-106042.7<br>99US-127582                                        |
| 143 PC0806 | Pirelli & C. SpA | "Self-extinguishing cable with low-level production of fumes, and flame-retardant composition used therein"                                                                                 | 03/04/1999<br>05/04/1999                             | 99EP-201109.8<br>99US-127884                                        |
| 144 PC0807 | Pirelli & C. SpA | An apparatus for laying underground electric cables                                                                                                                                         | 19/04/1999<br>24/05/1999                             | 99EP-830226.9<br>99US-60/135649                                     |
| 145 PC0808 | Pirelli & C. SpA | process for producing a superconductive layered material and product obtainable therefrom.                                                                                                  | 04/05/1999                                           | 99EP-106805.5                                                       |
| 146 PC0810 | Pirelli & C. SpA | Cavo, in particolare per trasporto o distribuzione di energia elettrica, e composizione isolante ivi impiegata.                                                                             | 21/06/1999<br>23/06/1999                             | 99EP-111860.5<br>99US-140448                                        |
| 147 PC0814 | Pirelli & C. SpA | Sistema per il trasporto di energia elettrica in condizioni di superconduttività e metodo per refrigerare in continuo un cavo superconduttore                                               | 26/07/1999<br>27/07/1999                             | 99EP-114604.4<br>99US-145838                                        |
| 148 PC0815 | Pirelli & C. SpA | Cavo, in particolare per trasporto o distribuzione di energia elettrica e composizione isolante                                                                                             | 27/07/1999<br>30/07/1999                             | 99EP-202460.4<br>99US-146148                                        |
| 149 PC0816 | Pirelli & C. SpA | Submarine optical cable resistant to longitudinal water propagation                                                                                                                         | 28/07/1999<br>03/08/1999                             | 99EP-114716.6<br>99US-60/147025                                     |

## CASE LIST

| N. CaseNum | Owner                                                 | Title                                                                                                                                                       | Prior.Date               | Prior.No                         |
|------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|
| 150 PC0817 | Pirelli & C. SpA, AMERICAN SUPERCONDUCTOR CORPORATION | Encapsulated superconducting ceramic tape                                                                                                                   | 23/07/1999               | 99US-09/360318                   |
| 151 PC0818 | Pirelli & C. SpA                                      | Processo di produzione di un cavo ed apparato per realizzare tale processo                                                                                  | 09/08/1999<br>01/10/1999 | 99EP-115701.7<br>99US-157021     |
| 152 PC0819 | Pirelli & C. SpA                                      | Optical fiber cable with components having improved compatibility with waterblocking filling compositions                                                   | 23/08/1999<br>27/08/1999 | 99EP-116488.0<br>99US-151067     |
| 153 PC0820 | Pirelli & C. SpA                                      | Cavo autoriparante ed apparato per la sua produzione                                                                                                        | 30/08/1999<br>07/09/1999 | 99EP-117013.5<br>99US-152357     |
| 154 PC0827 | Pirelli & C. SpA                                      | Cavo con rivestimento riciclabile                                                                                                                           | 17/11/1999<br>19/11/1999 | 99EP-122840.4<br>99US-60/166423  |
| 155 PC0835 | Pirelli & C. SpA                                      | Cavo elettrico resistente alla penetrazione dell'acqua                                                                                                      | 20/12/1999<br>23/12/1999 | 99EP-125367.5<br>99US-171612     |
| 156 PC0851 | Pirelli & C. SpA                                      | Submarine optical cable resistant to longitudinal water propagation                                                                                         | 31/01/2000<br>04/02/2000 | 00EP-101878.7<br>00US-180201     |
| 157 PC0852 | Pirelli & C. SpA                                      | Impact - resistant Self-extinguishing cable                                                                                                                 | 21/02/2000<br>25/02/2000 | 00EP-103593.0<br>00US-60/185120  |
| 158 PC0859 | Pirelli & C. SpA                                      | CAVO AUTOESTINGUENTE E COMPOSIZIONE IGNIFUGA IVI IMPIEGATA                                                                                                  | 30/03/2000<br>04/04/2000 | 00EP-106800.6<br>00US-60/194395  |
| 159 PC0860 | Pirelli & C. SpA                                      | Protection method of electrical cables joints, protective layer for said joints and protected joints                                                        | 25/04/2000<br>25/04/2000 | 00EP-108780.8<br>00US-60/199377  |
| 160 PC0864 | Pirelli & C. SpA                                      | Metodo di schermatura di campi magnetici generati da cavi per il trasporto di energia elettrica                                                             | 31/05/2000<br>06/06/2000 | 00EP-111645.8<br>00US-60/209483  |
| 161 PC0868 | Pirelli & C. SpA                                      | Cavo con rivestimento riciclabile                                                                                                                           | 28/06/2000<br>03/07/2000 | 00EP-113661.3<br>00US-60/216032  |
| 162 PC0874 | Pirelli & C. SpA                                      | ELECTRICAL CABLE FOR HIGH VOLTAGE DIRECT CURRENT TRANSMISSION, AND INSULATING COMPOSITION                                                                   | 02/08/2000<br>07/08/2000 | 00EP-116643.8<br>00US-60/223,476 |
| 163 PC0876 | Pirelli & C. SpA                                      | Metodo e apparecchiatura per il preriscaldamento degli elementi conduttori di cavi con isolante estruso, in particolare conduttori con fretraggio metallico | 14/08/2000<br>15/08/2000 | 00EP-202853.8<br>00US-60/225309  |
| 164 PC0877 | Pirelli & C. SpA                                      | Cavo superconduttore                                                                                                                                        | 14/08/2000<br>15/08/2000 | 00EP-202854.6<br>00US-60/225308  |
| 165 PC0880 | Pirelli & C. SpA                                      | Cavo con rivestimento riciclabile                                                                                                                           | 28/09/2000<br>02/10/2000 | 00EP-121110.1<br>00US-60/236735  |
| 166 PC0881 | Pirelli & C. SpA                                      | SUPERCONDUCTING CABLE                                                                                                                                       | 06/10/2000<br>13/10/2000 | 00EP-121805.6<br>00US-60/239927  |
| 167 PC0882 | Pirelli & C. SpA                                      | Process for producing a metal fulleride                                                                                                                     | 20/10/2000<br>26/10/2000 | 00EP-122854.3<br>00US-60/243272  |
| 168 PC0886 | Pirelli & C. SpA                                      | SUPERCONDUCTING CABLE                                                                                                                                       | 14/11/2000<br>20/11/2000 | 00EP-124788.1<br>00US-60/249463  |
| 169 PC0891 | Pirelli & C. SpA                                      | PROCESS FOR THE PRODUCTION OF A MULTIPOLAR CABLE, AND MULTIPOLAR CABLE PRODUCED THEREFROM                                                                   | 30/11/2000<br>08/12/2000 | 00EP-126132.0<br>00US-60/251,870 |
| 170 PC0893 | Pirelli & C. SpA                                      | PROCESS FOR PRODUCING A CABLE WITH A RECYCLABLE COATING                                                                                                     | 06/12/2000<br>14/12/2000 | 00EP-126737.6<br>00US-60/255,082 |
| 171 PC0901 | Pirelli & C. SpA                                      | SUPERCONDUCTING CABLE                                                                                                                                       | 27/12/2000<br>03/01/2001 | 00EP-128546.9<br>00US-60/259222  |
| 172 PC0904 | Pirelli & C. SpA                                      | Process for producing an electrical cable, particularly for high voltage direct current transmission or distribution                                        | 27/12/2000<br>03/01/2001 | 00EP-128566.7<br>00US-60/259232  |
| 173 PC0905 | Pirelli & C. SpA                                      | Electrical cable, particularly for high voltage direct current transmission or distribution, and insulating composition                                     | 27/12/2000<br>03/01/2001 | 00EP-128567.5<br>01US-60/259208  |
| 174 PC0910 | Pirelli & C. SpA                                      | Submarine optical cable with water-blocking filling composition                                                                                             | 28/12/2000<br>03/01/2001 | 00EP-128592.3<br>00US-60/259219  |
| 175 PC0911 | Pirelli & C. SpA                                      | Termination assembly for power cable testing and methods for its use.                                                                                       | 26/12/2000               | 00US-09/745451                   |
| 176 PC0912 | Pirelli & C. SpA                                      | Cable with coating of a composite material                                                                                                                  | 26/02/2001<br>02/03/2001 | 01EP-104694.3<br>01US-60/272309  |
| 177 PC0913 | Pirelli & C. SpA                                      | Communications cable, method and plant for manufacturing the same                                                                                           | 28/02/2001<br>05/03/2001 | 01EP-200743.1<br>01US-60/272768  |
| 178 PC0922 | Pirelli & C. SpA                                      | OPTICAL FIBER CABLE WITH DIMENSIONALLY STABLE POLYMERIC COMPONENT                                                                                           | 30/05/2001<br>01/06/2001 | 01EP-113193.5<br>01US-60/294574  |

## CASE LIST

| N. CaseNum | Owner            | Title                                                                                                                                                    | Prior.Date               | Prior.No                        |
|------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------|
| 179 PC0925 | Pirelli & C. SpA | OPTICAL CABLE PROVIDED WITH A MECHANICALLY RESISTANT COVERING                                                                                            | 04/06/2001<br>02/07/2001 | 01EP-830365.1<br>01US-60/301819 |
| 180 PC0933 | Pirelli & C. SpA | Method for shielding the magnetic field generated by an electrical power transmission line, and magnetically shielded electrical power transmission line | 29/06/2001<br>06/07/2001 | 01EP-115881.3<br>01US-60/303138 |
| 181 PC0941 | Pirelli & C. SpA | Terminazione del conduttore di un cavo superconduttore                                                                                                   | 27/08/2001<br>28/08/2001 | 01EP-203197.7<br>01US-60/315038 |
| 182 PC0942 | Pirelli & C. SpA | Self extinguishing cable and flame-retardant composition used therein                                                                                    | 04/09/2001<br>06/09/2001 | 01EP-121137.2<br>01US-60/317171 |
| 183 PC0943 | Pirelli & C. SpA | Method and related apparatus for monitoring stranded cables                                                                                              | 11/09/2001<br>20/09/2001 | 01EP-203446.8<br>01US-60/323332 |
| 184 PC0945 | Pirelli & C. SpA | Extrusion method and apparatus for producing a cable                                                                                                     | 10/09/2001<br>19/09/2001 | 01EP-203402.1<br>01US-60/323096 |
| 185 PC0953 | Pirelli & C. SpA | EASY TEARABLE CABLE COMPONENT AND TELECOMMUNICATION CABLE COMPRISING SAID COMPONENT                                                                      | 28/11/2001               | 01WO-EP13882                    |
| 186 PC0957 | Pirelli & C. SpA | Electric energy transport system comprising a cold dielectric superconducting cable                                                                      | 17/12/2001               | 01WO-IB02501                    |
| 187 PC0964 | Pirelli & C. SpA | Extrusion method and extrusion head for extruding a polymeric material                                                                                   | 21/12/2001               | 01WO-IT00653                    |
| 188 PC0969 | Pirelli & C. SpA | WATER-RESISTANT TELECOMMUNICATION CABLE                                                                                                                  | 28/12/2001<br>08/01/2002 | 01EP-130960.6<br>02US-60/345656 |
| 189 PC0978 | Pirelli & C. SpA | Electric cable and manufacturing process thereof                                                                                                         | 16/04/2002               | 02WO-EP04210                    |
| 190 PC0982 | Pirelli & C. SpA | FIRE RESISTANT CABLE                                                                                                                                     | 29/04/2002               | 02WO-EP04728                    |
| 191 PC0985 | Pirelli & C. SpA | CURRENT LEAD FOR SUPERCONDUCTING APPARATUS                                                                                                               | 31/05/2002               | 02WO-EP05944                    |
| 192 PC0986 | Pirelli & C. SpA | Impact resistant compact cable                                                                                                                           | 28/06/2002<br>02/09/2002 | 02WO-EP07167<br>02EP-019536.8   |
| 193 PC1002 | Pirelli & C. SpA | Method of screening the magnetic field generated by an electrical power transmission line and electrical power transmission line so screened             | 09/10/2002               | 02WO-EP11302                    |
| 194 PC1006 | Pirelli & C. SpA | Telecommunication cable comprising a joined optical core and method for jointing said core                                                               | 30/10/2002               | 02WO-EP12097                    |
| 195 PC1007 | Pirelli & C. SpA | Process for manufacturing the elastomeric sleeve of a joint for electrical cables and manufacturing apparatus thereof                                    | 30/10/2002               | 02WO-EP12094                    |
| 196 PC1011 | Pirelli & C. SpA | Telecommunication optical cable with controlled fiber length, method and apparatus for manufacturing the same                                            | 03/12/2002               | 02WO-EP13682                    |
| 197 PC1015 | Pirelli & C. SpA | Shielded electrical cable with foamed semiconductive insulation shield                                                                                   | 11/12/2002               | 02WO-US39416                    |
| 198 PC1016 | Pirelli & C. SpA | Metodo per produrre uno strato di rivestimento in materiale espandibile e reticolabile in un cavo                                                        | 23/12/2002               | 02WO-IT00824                    |
| 199 PC1027 | Pirelli & C. SpA | Water-resistant telecommunication cable                                                                                                                  | 27/12/2002               | 02WO-EP14773                    |
| 200 PC1030 | Pirelli & C. SpA | Cable with recyclable covering layer                                                                                                                     | 20/01/2003               | 03WO-EP00482                    |
| 201 PC1043 | Pirelli & C. SpA | Dielectric optical fiber cable having improved installation features                                                                                     | 25/07/2003               | 03WO-EP08268                    |
| 202 PC1044 | Pirelli & C. SpA | Method for shielding the magnetic field generated by an electrical power transmission line and electrical power transmission line so shielded            | 30/07/2003               | 03WO-IT00476                    |
| 203 PC1045 | Pirelli & C. SpA | Systems and methods for cleaning a batch granular material                                                                                               | 21/07/2003               | 03WO-US22547                    |
| 204 PC1046 | Pirelli & C. SpA | Continuous process for manufacturing electrical cables                                                                                                   | 25/07/2003               | 03WO-EP008194                   |
| 205 PC1050 | Pirelli & C. SpA | Optical cable and optical unit comprised therein                                                                                                         | 28/08/2003               | 03WO-EP09728                    |
| 206 PC1054 | Pirelli & C. SpA | CABLE WITH A COATING LAYER MADE FROM A WASTE MATERIAL                                                                                                    | 30/09/2003               | 03WO-EP10812                    |
| 207 PC1055 | Pirelli & C. SpA | Telecommunication optical cable with reduced diameter                                                                                                    | 30/09/2003               | 03WO-EP10913                    |
| 208 PC1058 | Pirelli & C. SpA | Telecommunication optical cable for gas pipeline application having built-in leakage detecting device                                                    | 23/10/2003               | 03WO-EP50746                    |

## CASE LIST

| N. CaseNum   | Owner            | Title                                                                                                                         | Prior.Date               | Prior.No                         |
|--------------|------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|
| 209 PC1059   | Pirelli & C. SpA | PROCESS FOR MANUFACTURING A WATER-RESISTANT TELECOMMUNICATION CABLE                                                           | 29/10/2003               | WO03-EP11895                     |
| 210 PC1060   | Pirelli & C. SpA | Method and plant for the introduction of a liquid into a molten mass under pressure                                           | 31/10/2003               | 03WO-IT00704                     |
| 211 PC1064   | Pirelli & C. SpA | Impact resistant cable                                                                                                        | 03/12/2003               | 03WO-EP13834                     |
| 212 PC1066   | Pirelli & C. SpA | Continuous process for manufacturing electrical cables                                                                        | 18/12/2003               | 03WO-EP14782                     |
| 213 PC1069   | Pirelli & C. SpA | Process for manufacturing a self-extinguishing cable                                                                          | 24/12/2003               | 03WO-IT00855                     |
| 214 PC1070   | Pirelli & C. SpA | Multipolar cable for the transmission of energy and/or signals, method and apparatus for the manufacturing thereof            | 30/12/2003               | 03WO-IB006407                    |
| 215 PC1082   | Pirelli & C. SpA | Process for manufacturing a cable resistant to external chemical agents                                                       | 27/04/2004               | 04WO-US11259                     |
| 216 PC1086   | Pirelli & C. SpA | Process and apparatus for manufacturing an optical cable                                                                      | 24/05/2004               | 04WO-EP005614                    |
| 217 PC1089   | Pirelli & C. SpA | Cable with improved environmental stress cracking resistance                                                                  | 28/06/2004               | 04WO-EP007057                    |
| 218 PC1091   | Pirelli & C. SpA | Method for covering an elongate object and device for covering said elongate object                                           | 25/06/2004               | 04WO-EP006978                    |
| 219 PC1097   | Pirelli & C. SpA | Method and device for splicing electric cables                                                                                | 16/09/2004               | 04WO-EP010461                    |
| 220 PC1098   | Pirelli & C. SpA | OPTICAL CABLE FOR COMMUNICATION, METHOD AND PLANT FOR THE MANUFACTURING THEREOF                                               | 27/09/2004               | 04WO-010812                      |
| 221 PC1099   | Pirelli & C. SpA | Optical cable for communication                                                                                               | 27/09/2004               | 04WO-EP010811                    |
| 222 PC1102   | Pirelli & C. SpA | METHOD AND DEVICE FOR COATING THE JUNCTION AREA BETWEEN AT LEAST TWO ELONGATED ELEMENTS IN PARTICULAR BETWEEN ELECTRIC CABLES | 27/10/2004               | 04WO-IB003523                    |
| 223 PC1103   | Pirelli & C. SpA | Water blocked optical cable and process for the production thereof                                                            | 05/11/2004               | 04WO-EP012631                    |
| 224 PC1106   | Pirelli & C. SpA | CABLE MANUFACTURING PROCESS                                                                                                   | 23/11/2004               | 04WO-EP013289                    |
| 225 PC1115   | Pirelli & C. SpA | Electrical power cable having expanded polymeric layers                                                                       | 27/12/2004               | 04US-11/020196                   |
| 226 PC1119   | Pirelli & C. SpA | Method and apparatus for manufacturing an optical cable and cable so manufactured                                             | 29/03/2005               | 05WO-EP003266                    |
| 227 PC1121   | Pirelli & C. SpA | Cable manufacturing process                                                                                                   | 27/04/2005               | 05WO-EP004510                    |
| 228 PC1125   | Pirelli & C. SpA | Cable having expanded strippable jacket                                                                                       | 15/07/2005               | 05WO-XXXXX                       |
| 229 PCDE0002 | Pirelli & C. SpA | Connector pin                                                                                                                 | 01/03/1985               | 85DE-85730030.5                  |
| 230 PCDE0003 | Pirelli & C. SpA | Flexible electrical control line bundle                                                                                       | 14/08/1995               | 95DE-3566183.6                   |
| 231 PCDE0004 | Pirelli & C. SpA | Tube system for superconducting cable                                                                                         | 31/03/1988               | 88DE-3811050.4                   |
| 232 PCDE0005 | Pirelli & C. SpA | Superconductive cable                                                                                                         | 31/03/1988               | 88DE-3811051.2                   |
| 233 PCDE0006 | Pirelli & C. SpA | Treble plastic case insulation extruder                                                                                       | 29/09/1989               | 89DE-3933028.1                   |
| 234 PCDE0007 | Pirelli & C. SpA | Plastic-insulated cable cores                                                                                                 | 24/01/1991               | 91DE-4102242.4                   |
| 235 PCDE0009 | Pirelli & C. SpA | Plastics insulated high voltage cable with a stress relief element                                                            | 19/12/1990               | 90EP-250318.4                    |
| 236 PCDE0010 | Pirelli & C. SpA | schwere gummischlauchleitung                                                                                                  | 27/03/1991               | 91DE-9103893.6                   |
| 237 PCDE0011 | Pirelli & C. SpA | Flame-resistant electrical cable                                                                                              | 26/09/1991<br>26/09/1991 | 91DE-4132390.4<br>91DE-16636.5   |
| 238 PCDE0012 | Pirelli & C. SpA | leiterverbindung fuer hochspannungskabel                                                                                      | 05/06/1992               | 92DE-9207820.6                   |
| 239 PCDE0014 | Pirelli & C. SpA | Shrouded HT cable connection                                                                                                  | 23/12/1992               | 92DE-4244461.6                   |
| 240 PCDE0019 | Pirelli & C. SpA | Energy transmission cable with optical waveguide element                                                                      | 30/09/1993<br>30/09/1993 | 93DE-4333827.5<br>93DE-9321083.3 |
| 241 PCDE0022 | Pirelli & C. SpA | Electrical cable shielding                                                                                                    | 08/02/1994               | 94DE-4404785.1                   |
| 242 PCDE0023 | Pirelli & C. SpA | Crosslinking polymers in form of lap material                                                                                 | 06/07/1994               | 94DE-4426593.4                   |
| 243 PCDE0024 | Pirelli & C. SpA | verbindungsstuecke fuer energiekabel, mit einem spleissgehaeuse fuer lichtwellenleiterelemente                                | 14/07/1994               | 94DE-9411910.4                   |



## CASE LIST

| N. CaseNum   | Owner                                 | Title                                                                                                                              | Prior.Date | Prior.No        |
|--------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|
| 244 PCDE0026 | Pirelli & C. SpA                      | kunststoffisolierte hochspannungskabelanlage mit schirmtrennstellen                                                                | 23/09/1994 | 94DE-15782.0G   |
| 245 PCDE0029 | PIRELLI SPA                           | Multi-core, plastic-insulated, low-voltage heavy current cable                                                                     | 25/01/1995 | 95DE-19503672   |
| 246 PCDE0030 | Pirelli & C. SpA                      | Screened heavy current cable with temp and water sensors                                                                           | 30/05/1995 | 95DE-19520826.9 |
| 247 PCDE0031 | Pirelli & C. SpA                      | HV cable installation with corrosion protection monitoring circuit                                                                 | 30/05/1995 | 95DE-19520825.0 |
| 248 PCDE0032 | Pirelli & C. SpA                      | AC cable with stranded electrical conductors                                                                                       | 06/06/1995 | 95DE-19520589.  |
| 249 PCDE0033 | Pirelli & C. SpA                      | AC cable with twisted current conductors                                                                                           | 06/06/1995 | 95DE-19520587.1 |
| 250 PCDE0034 | Pirelli & C. SpA                      | Method of manufacturing insulation material for high and very high tension cables, and an installation for carrying out the method | 21/06/1995 | 95DE-19523728.  |
| 251 PCDE0035 | Pirelli & C. SpA                      | Leakage detecting and locating sensor for high voltage cable                                                                       | 18/07/1995 | 95DE-19527972.7 |
| 252 PCDE0036 | Pirelli & C. SpA                      | Measuring circuit for detecting and locating incursions of water in pipe or cable installations                                    | 15/11/1995 | 95DE-19544391.8 |
| 253 PCDE0037 | Pirelli & C. SpA                      | Cable laying drawing head                                                                                                          | 30/08/1995 | 95DE-29514563.3 |
| 254 PCDE0038 | Pirelli & C. SpA                      | Heavy current HV encapsulated electric cable with water penetration sensor                                                         | 04/09/1995 | 95DE-29514561.7 |
| 255 PCDE0040 | Pirelli & C. SpA                      | HV cable plant or equipment monitoring circuit for sheath voltage limiter                                                          | 12/07/1996 | 96DE-19629481.9 |
| 256 PCDE0041 | Pirelli & C. SpA                      | Flexible insulation for high voltage electric cable or wire with high and migration resistance                                     | 27/09/1996 | 96DE-19641396.6 |
| 257 PCDE0042 | Pirelli & C. SpA                      | Segmented conductor oxide layer applicator e.g. for manufacturing HV cables                                                        | 14/10/1997 | 97DE-19643609.5 |
| 258 PCDE0043 | Pirelli & C. SpA                      | Cable junction box positioning method e.g. for placing box over joint between two power-cable conductors                           | 07/05/1997 | 97DE-19720758.8 |
| 259 PCDE0044 | Pirelli & C. SpA                      | Device for testing HV cables junction boxes e.g. for power cable equipment engineering technology                                  | 23/05/1997 | 97DE-19722855.0 |
| 260 PCDE0045 | Pirelli & C. SpA                      | Optic fibre for an energy cable structure                                                                                          | 16/09/1997 | 97DE-29716946.7 |
| 261 PCDE0046 | Pirelli & C. SpA                      | High-voltage (HV) power cable prefabricated kit-part and end-seal                                                                  | 18/12/1997 | 97DE-19758099.8 |
| 262 PCDE0047 | Pirelli & C. SpA                      | Heat-shrink end cap for screened electrical cable                                                                                  | 21/01/1998 | 98DE-29801239.1 |
| 263 PCDE0056 | Pirelli & C. SpA                      | "Premanufactured insertable body for HV outdoor terminations"                                                                      | 26/06/2002 | 02WO-EP07077    |
| 264 PCGB0427 | Pirelli & C. SpA, PIRELLI GENERAL PLC | Coated optical fibre unit and methods of manufacturing coated optical fibre units                                                  | 28/03/2002 | 02EP-252345.0   |
| 265 PC0956   | Pirelli & C. SpA                      | OPTICAL FIBER WITH EPOXIDIZED POLYOLEFIN BASED COATING                                                                             | 06/12/2001 | 01WO-IB02326    |
| 266 PC0977   | Pirelli & C. SpA                      | Process for manufacturing a micro-structured optical fibre                                                                         | 16/04/2002 | 02WO-EP04203    |

## CASE LIST

| N. CaseNum    | Owner            | Title                                                                                                                                       | Prior.Date               | Prior.No                         |
|---------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|
| <b>PART B</b> |                  |                                                                                                                                             |                          |                                  |
| 1 P0619       | Pirelli & C. SpA | Optical fibre element comprising a polyacrilate coating layer reticulated by UV radiation and H <sub>2</sub> -absorbing buffer              | 13/11/1990               | 90IT-22035                       |
| 2 PC0649      | Pirelli & C. SpA | rivestimento primario per fibre ottiche, fibre ottiche così ricoperte e procedimento per produrle.                                          | 12/11/1993               | 93IT-MI002411A                   |
| 3 PC0728      | Pirelli & C. SpA | method of and apparatus for manufacturing optical fibers                                                                                    | 19/08/1997<br>03/09/1997 | 97EP-114268.2<br>97US-57480      |
| 4 PC0734      | Pirelli & C. SpA | bobina di supporto per fibre ottiche e metodo per il controllo delle deformazioni subite da detta bobina in fase di avvolgimento.           | 06/11/1997<br>06/11/1997 | 97EP-119380.0<br>97US-64470      |
| 5 PC0737      | Pirelli & C. SpA | apparatus and method for cooling optical fibers                                                                                             | 21/11/1997<br>24/11/1997 | 97EP-120403.7<br>97US-69308      |
| 6 PC0753      | Pirelli & C. SpA | metodo ed apparecchiatura per la fabbricazione di una fibra ottica a partire da una preforma.                                               | 24/06/1998<br>29/06/1998 | 98EP-202098.4<br>98US-091046     |
| 7 PC0759      | Pirelli & C. SpA | optical fiber having low non-linearity for wdm transmission.                                                                                | 19/06/1998<br>25/06/1998 | 98EP-111282.3<br>98US-90971      |
| 8 PC0767      | Pirelli & C. SpA | optical fiber for extended wavelength band                                                                                                  | 21/09/1998<br>16/10/1998 | 98EP-117828.8<br>98US-104636     |
| 9 PC0776      | Pirelli & C. SpA | optical fiber for metropolitan and access network systems                                                                                   | 18/12/1998<br>19/02/1999 | 98EP-124064.1<br>99US-120761     |
| 10 PC0777     | Pirelli & C. SpA | optical system and method having low loss and non-linear effects                                                                            | 18/12/1998<br>19/02/1999 | 98EP-124065.8<br>99US-120759     |
| 11 PC0780     | Pirelli & C. SpA | Method and apparatus for forming an optical fiber preform by combustionless hydrolysis                                                      | 17/12/1998<br>24/12/1998 | 98EP-123990.8<br>98US-113940     |
| 12 PC0785     | Pirelli & C. SpA | metodo per avvolgere un elemento a fibra presentante porzioni longitudinali diverse                                                         | 23/12/1998<br>12/01/1999 | 98EP-124573.1<br>99US-115631     |
| 13 PC0787     | Pirelli & C. SpA | Process for producing silica by decomposition of an organo-silane                                                                           | 26/12/1998<br>26/01/1999 | 98EP-830786.4<br>99US-117225     |
| 14 PC0809     | Pirelli & C. SpA | graphite induction furnace for drawing large preforms                                                                                       | 10/05/1999<br>13/05/1999 | 99EP-109154.7<br>99US-134066     |
| 15 PC0825     | Pirelli & C. SpA | Metodo di misura della torsione impartita a una fibra ottica e processo di lavorazione di una fibra ottica utilizzando tale metodo          | 29/10/1999<br>05/11/1999 | 99EP-121543.5<br>99US-163570     |
| 16 PC0833     | Pirelli & C. SpA | DISPOSITIVO E METODO PER LA PRODUZIONE DI UNA PREFORMA DI MATERIALE VETROSO IN UN PROCESSO DI PRODUZIONE DI UNA FIBRA OTTICA.               | 29/12/1999<br>07/01/2000 | 99EP-126122.3<br>00US-174810     |
| 17 PC0847     | Pirelli & C. SpA | Dispositivo tensionatore per fibra ottica e metodo di controllo della tensione applicata ad una fibra ottica                                | 29/12/1999<br>06/01/2000 | 99EP-126119.9<br>00US-174703     |
| 18 PC0854     | Pirelli & C. SpA | Optical fiber with coloured coating                                                                                                         | 03/03/2000<br>08/03/2000 | 00EP-104609.3<br>00US-60/187864  |
| 19 PC0855     | Pirelli & C. SpA | Optical fiber for WDM transmission                                                                                                          | 03/03/2000<br>10/03/2000 | 00EP-104646.5<br>00US-60/188166  |
| 20 PC0867     | Pirelli & C. SpA | Colored optical fiber and optical fiber ribbon assembly containing said fiber                                                               | 22/06/2000               | 00US-60/213237                   |
| 21 PC0871     | Pirelli & C. SpA | Optical fibre with reduced polarization mode dispersion and method for obtaining an optical fibre with reduced polarization mode dispersion | 06/07/2000<br>13/07/2000 | 00EP-114559.8<br>00US-60/218,057 |
| 22 PC0878     | Pirelli & C. SpA | Optical transmission link with low slope, Raman amplified fiber                                                                             | 31/08/2000<br>07/09/2000 | 00EP-118885.3<br>00US-60/230769  |
| 23 PC0879     | Pirelli & C. SpA | Rete di distribuzione di segnali ad una pluralita di apparecchiature utente                                                                 | 11/09/2000<br>25/10/2000 | 00IT-MI001983A<br>00US-60/242715 |
| 24 PC0894     | Pirelli & C. SpA | MULTI-FLAME BURNER AND METHOD FOR MANUFACTURING OPTICAL PREFORMS                                                                            | 19/12/2000<br>21/12/2000 | 00EP-127851.4<br>00US-60/256942  |
| 25 PC0896     | Pirelli & C. SpA | METHOD FOR MANUFACTURING OPTICAL PREFORMS                                                                                                   | 19/12/2000<br>21/12/2000 | 00EP-127849.8<br>00US-60/256950  |
| 26 PC0906     | Pirelli & C. SpA | METODO PER REALIZZARE UN CAVO IN FIBRA OTTICA PER TELECOMUNICAZIONI CON RIDOTTA DISPERSIONE DEI MODI DI POLARIZZAZIONE                      | 28/12/2000<br>03/01/2001 | 00EP-128599.8<br>00US-60/259209  |
| 27 PC0908     | Pirelli & C. SpA | Dispersion-managed optical soliton transmission system                                                                                      | 28/12/2000<br>08/01/2001 | 00EP-128604.6<br>01US-60/259858  |
| 28 PC0918     | Pirelli & C. SpA | Metodo per produrre una preforma per fibra ottica                                                                                           | 27/04/2001<br>07/05/2001 | 01EP-110475.9<br>01US-60/288833  |

## CASE LIST

| N. CaseNum | Owner            | Title                                                                                                                             | Prior.Date               | Prior.No                        |
|------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------|
| 29 PC0923  | Pirelli & C. SpA | Method for feeding a flow gas to a burner for manufacturing an optical fibre and burner                                           | 30/05/2001<br>05/06/2001 | 01EP-113225.5<br>01US-60/285581 |
| 30 PC0926  | Pirelli & C. SpA | Dispositivo per la fabbricazione di una preforma per fibre ottiche tramite deposizione chimica                                    | 25/06/2001<br>09/07/2001 | 01EP-202448.5<br>01US-60/303409 |
| 31 PC0927  | Pirelli & C. SpA | Dispositivo per la fabbricazione di una preforma per fibre ottiche tramite deposizione chimica                                    | 25/06/2001<br>09/07/2001 | 01EP-202447.7<br>01US-60/303393 |
| 32 PC0929  | Pirelli & C. SpA | Dispositivo per la fabbricazione di una preforma per fibre ottiche tramite deposizione chimica                                    | 25/06/2001<br>09/07/2001 | 01EP-202445.1<br>01US-60/303388 |
| 33 PC0930  | Pirelli & C. SpA | Dispositivo per la fabbricazione di una preforma per fibre ottiche tramite deposizione chimica                                    | 25/06/2001<br>09/07/2001 | 01EP-202444.4<br>01US-60/303410 |
| 34 PC0951  | Pirelli & C. SpA | BURNER FOR A VAPOUR DEPOSITION PROCESS                                                                                            | 26/11/2001               | 01WO-EP13701                    |
| 35 PC0952  | Pirelli & C. SpA | Apparatus and method for chemical deposition on a rod member in an optical fibre manufacturing process                            | 29/11/2001               | 01WO-EP13929                    |
| 36 PC0958  | Pirelli & C. SpA | Optical fiber with mechanical reinforced coating                                                                                  | 18/12/2001               | 01WO-IB02524                    |
| 37 PC0961  | Pirelli & C. SpA | PROCESS FOR MANUFACTURING AN OPTICAL FIBRE                                                                                        | 19/12/2001               | 01WO-EP15089                    |
| 38 PC0967  | Pirelli & C. SpA | On-line tension measurement in an optical fibre                                                                                   | 27/12/2001               | 01WO-EP15331                    |
| 39 PC0968  | Pirelli & C. SpA | PROCESS FOR MANUFACTURING A MICRO-STRUCTURED OPTICAL FIBRE                                                                        | 21/12/2001               | 01WO-EP15261                    |
| 40 PC0970  | Pirelli & C. SpA | Optical fiber with epoxidized polyolefin based coating                                                                            | 06/12/2001<br>18/02/2002 | 01WO-IB02326<br>02EP-003650.5   |
| 41 PC0979  | Pirelli & C. SpA | OPTICAL FIBER WITH REDUCED ATTENUATION LOSS                                                                                       | 24/04/2002               | 02WO-EP04512                    |
| 42 PC0980  | Pirelli & C. SpA | METHOD FOR REDUCING MICROBENDING INDUCED ATTENUATION LOSSES IN AN OPTICAL FIBER                                                   | 24/04/2002               | 02WO-EP04507                    |
| 43 PC0983  | Pirelli & C. SpA | Burner assembly for producing glass preforms and corresponding production process.                                                | 03/05/2002               | 02WO-EP04883                    |
| 44 PC0988  | Pirelli & C. SpA | METHOD AND DEVICE FOR VAPORIZING A LIQUID REACTANT IN A PROCESS FOR MANUFACTURING A GLASS PREFORM                                 | 28/06/2002               | 02WO-EP07165                    |
| 45 PC0993  | Pirelli & C. SpA | PROCESS AND APPARATUS FOR THE ELONGATION OF AN OPTICAL FIBER PREFORM                                                              | 30/07/2002               | 02WO-EP08479                    |
| 46 PC0994  | Pirelli & C. SpA | Method for measuring the weight of an optical preform                                                                             | 31/07/2002               | 02WO-IB02967                    |
| 47 PC0998  | Pirelli & C. SpA | Process for producing an optical fiber having a low polarization mode dispersion                                                  | 25/09/2002               | 02WO-EP10737                    |
| 48 PC1001  | Pirelli & C. SpA | Optical fiber with cured polymeric coating                                                                                        | 07/10/2002               | 02WO-EP11202                    |
| 49 PC1003  | Pirelli & C. SpA | OPTICAL FIBER WITH THERMOPLASTIC MATERIAL BASED COATING                                                                           | 23/10/2002               | 02WO-EP11829                    |
| 50 PC1019  | Pirelli & C. SpA | Burner for a chemical vapour deposition process                                                                                   | 20/12/2002               | 02WO-EP14614                    |
| 51 PC1021  | Pirelli & C. SpA | Method for producing an optical fiber having low polarization mode dispersion                                                     | 30/12/2002               | 02WO-EP14901                    |
| 52 PC1026  | Pirelli & C. SpA | Optical fibre having low splice loss and method for making it                                                                     | 24/12/2002               | 02WO-EP14757                    |
| 53 PC1029  | Pirelli & C. SpA | Microstructured optical fibre                                                                                                     | 31/03/2003               | 03WO-EP03361                    |
| 54 PC1038  | Pirelli & C. SpA | Method and apparatus for forming an intermediate preform in a sol-gel process of manufacturing of a microstructured optical fiber | 30/05/2003               | 03WO-EP05784                    |
| 55 PC1040  | Pirelli & C. SpA | Optical fiber with polymeric coating crosslinked in the presence of both radical and cationic photoinitiators                     | 29/05/2003               | 03WO-EP05655                    |
| 56 PC1041  | Pirelli & C. SpA | A Method of producing holey optical fiber preforms and fibers                                                                     | 30/06/2003               | 03WO-EP07157                    |
| 57 PC1051  | Pirelli & C. SpA | PROCESS FOR PRODUCING A LOW POLARIZATION MODE DISPERSION OPTICAL FIBRE                                                            | 29/08/2003               | 03WO-EP09732                    |
| 58 PC1052  | Pirelli & C. SpA | Improved method and apparatus for the evaluation of polarization mode dispersion in optical fibers                                | 19/09/2003               | 03WO-EP10467                    |

## CASE LIST

| N. CaseNum  | Owner            | Title                                                                                    | Prior.Date               | Prior.No                      |
|-------------|------------------|------------------------------------------------------------------------------------------|--------------------------|-------------------------------|
| 59 PC1075   | Pirelli & C. SpA | Process for producing a low-attenuation optical fiber                                    | 24/12/2003               | 03WO-EP51102                  |
| 60 PC1076   | Pirelli & C. SpA | Low polarisation mode dispersion (PMD) optical fiber link, and method of making the same | 30/12/2003<br>14/04/2004 | 03WO-EP51118<br>04WO-EP050521 |
| 61 PC1077   | Pirelli & C. SpA | METHOD FOR DETERMINING SPIN CHARACTERISTIC PARAMETERS IN SPUN OPTICAL FIBERS             | 29/02/2004               | 04WO-EP050173                 |
| 62 PC1085   | Pirelli & C. SpA | Low-loss transmission microstructured fiber                                              | 12/05/2004               | 04WO-EP050772                 |
| 63 PC1107   | Pirelli & C. SpA | Method, system and device for imparting a predetermined rotation to an optical fibre     | 02/12/2004               | 04WO-EP013713                 |
| 64 PCGB0421 | Pirelli & C. SpA | Method of manufacturing optical fiber preforms and optical fibers                        | 30/05/2001               | 01EP-304735.2                 |
| 65 PCGHT01  | Pirelli & C. SpA | Nastro a fibre ottiche con fibra ottica centrale a mantenimento di polarizzazione        | 17/06/1997               | 97IT-PDA000125                |