

PatBase - Search results 15 September 2017

Search query (1): PN=(EP2312359 OR EP1085359 OR US2005281517 OR EP0296836 OR EP0157610 OR EP0947868 OR US2004037522 OR US4109099 OR US4730894 OR WO200212943 OR US4976519 OR US20100276179)

Results: 10

NC2016/0002651

1er examen de fondo.

Search history

Search PN=(EP2312359 OR EP1085359 OR US2005281517 OR EP0296836 OR EP0157610 OR EP0947868 OR US2004037522 OR US4109099 OR 1: US4730894 OR WO200212943 OR US4976519 OR US20100276179) (Results 10)

Title: DUAL JACKETED CABLE

Abstract: Source: US4109099A A process is taught for producing plastic jacketed cable for use in underground ducts exposed to unusually high temperatures and having a corrugated metallic shield which imprints the plastic covering includes an inner jacket capable of providing and maintaining adequate strength properties notwithstanding imprinting thereof by the corrugations of the shield contiguous thereto and an outer jacket superimposed over the inner jacket and suitable for resisting degradation while being exposed to elevated temperatures for sustained periods of time.

Classifications:

International (IPC 8-9): H01B7/17 H01B7/18

H01B7/29 (Advanced/Invention);

H01B7/17 H01B7/18 (Core/Invention)

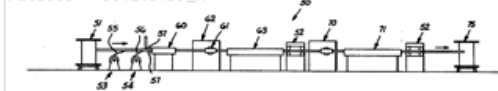
International (IPC 1-7): H01B13/10 H01B13/22 H01B7/00 H01B7/18 H01B7/28 H01B7/34

CPC: H01B7/1875 H01B7/292

European: H01B7/18P H01B7/29H

US: 156/54 156/56 174/107 174/120SR 264/171.16 264/174 264/237

PatBase - US4109099_A



Family:

Publication number	Publication date	Application number	Application date
CA1075331 A1	19800408	CA19760269000	19761231
DE2704664 A1	19770811	DE19772704664	19770204
ES455644 A1	19780701	ES19770455644	19770204
FI770329 A	19770806	FI19770000329	19770131
FR2340600 A1	19770902	FR19770003209	19770204
FR2340600 B1	19810710	FR19770003209	19770204
GB1568558 A	19800529	GB19770004603	19770204
IT1078388 A	19850508	IT19770019849	19770201
JP52096382 A2	19770812	JP19770010857	19770204
SE7701040 A	19770806	SE19770001040D	19770201
SE7701040 L	19770806	SE19770001040	19770201
US4109099 A	19780822	US19770857716	19771205
US4134953 A	19790116	US19770803908	19770606

Priority:

US19760655360 19760205

Probable Assignee: AT AND T TECHNOLOGIES INC

Assignee(s): (std): WESTERN ELECTRIC CO ; WESTINGHOUSE ELECTRIC CO

Assignee(s): WESTERN ELECTRIC CY INC ; WESTERN ELECTRIC CO INC ; AT AND T TECHNOLOGIES INC ; DEMBIK MATTHEW R ; NEWTON WAYNE M

Inventor(s): (std): MATTHEW RAYMOND DEMBIK ; MCCALL NEWTON WAYNE ; NEWTON W M ; NEWTON WAYNE M ; NEWTON WAYNE MCC ; NEWTON WAYNE MCCALL ; DEMBIK M R ; DEMBIK MATHEW RAYMOND ; DEMBIK MATTHEW R ; DEMBIK MATTHEW RAYMOND ; WAYNE MCCALL NEWTON

Inventor(s): M R DEMBIK ; RAYMOND DEMBIK MATHEW ; W M NEWTON

Title: OPTICAL FIBRE TRANSMISSION LINE

Abstract: Source: US4691896A An optical fibre transmission line is installed by first installing a conduit having one or more bores and subsequently inserting flexible, lightweight optical fibre members containing the optical fibres into the bores. The optical fibre members are propelled by employing the fluid drag of air, or another suitable gas, passed at high velocity through the bores.

Classifications:

International (IPC 8-9): B66F3/24 G02B6/00 G02B6/04 G02B6/42 G02B6/44 G02B6/46 G02B7/24 H01B11/22 H01B13/00 H02G1/08 H02G9/06 (Advanced/Invention);

G02B6/04 G02B6/46 H02G1/08 (Advanced/Non-invention); G02B6/04 G02B6/42 G02B6/44 G02B6/46 G02B7/20 H01B11/00 H01B13/00 H02G1/08 (Core/Invention)

International (IPC 1-7): B59H25/00 B60F3/24 B65H59/00 B66F3/24 G02B5/16 G02B5/17 G02B6/00 G02B6/04 G02B6/42 G02B6/44 G02B6/46 G02B7/24 H01B11/22 H01B13/00 H02G1/08 H02G9/06

CPC: G02B6/4439 G02B6/4407 G02B6/443 G02B6/4464 G02B6/4438 G02B6/4459 G02B6/4479

European: G02B6/44C4 G02B6/44C7A G02B6/44C7P G02B6/44C8 G02B6/44C8E2 G02B6/44C9

US: 25/413.44 254/134.3FT 254/134.3R 254/134.4 385/102 385/109 385/115 385/147

PatBase - US4691896_A

U.S. Patent Sep. 8, 1987 Sheet 1 of 3 4,691,896

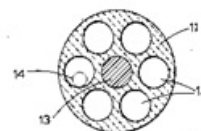


Fig. 1

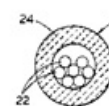


Fig. 2

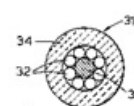


Fig. 3

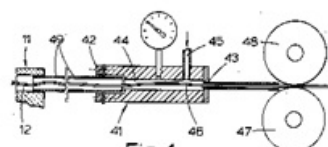


Fig. 4

Family:

Publication number	Publication date	Application number	Application date
AT134046 E	19960215	AT19830114013T	19831101
AT23926 E	19861215	AT19830306636T	19831101
AT46401 E	19890915	AT19850302211T	19850329
AU198321028 A1	19840517	AU19830021028	19831107
AU585479 B2	19890622	AU19830021028	19831107
CA1246842 A1	19881220	CA19830440557	19831107
CA1258390 A1	19890815	CA19860522406	19861106
CA1258390 A2	19890815	CA19860522406	19861106
CA1275841 A1	19901106	CA19850477946	19850329
DE3367981 D1	19870115	DE19833367981	19831101
DE3382801 D1	19960321	DE19833382801	19831101
DE3382801 T2	19960814	DE19833382801T	19831101
DE3573023 D1	19891019	DE19853573023	19850329
EP0108590 A1	19840516	EP19830306636	19831101
EP0108590 B1	19861126	EP19830306636	19831101
EP0157610 A2	19851009	EP19850302211	19850329
EP0157610 A3	19861120	EP19850302211	19850329
EP0157610 B1	19890913	EP19850302211	19850329
EP0186753 A2	19860709	EP19850114013	19831101
EP0186753 A3	19880120	EP19850114013	19831101
EP0186753 B1	19960207	EP19850114013	19831101
GB8309671 A0	19830511	GB19830009671	19830408
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HK109397 A	19970822	HK19970001093	19970626
HK55888 A	19880729	HK19880000558	19880721
JP1846709 C3	19940607	JP19830209778	19831108
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JP2210304 A2	19900821	JP19890099874	19890419
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JP5100120 A2	19930423	JP19910212910	19910729
JP5127023 A2	19930525	JP19910212907	19910729
JP5142429 A2	19930611	JP19910212904	19910729
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US4948097 C1	20010501	US19870086849	19870819
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US5169126 C1	20010508	US19900554927	19900720
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US5456450 C1	20010508	US19920970464	19921102
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US5645267 C1	20010501	US19950460268	19950602
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US6328283 BA	20011211	US20000543555	20000405

Priority:

CA19830440557 19831107	CA19850477946 19850329	EP19830306636P 19831101
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JP19830209778 19831108	GB19830009671 19821108	GB19820031840 19830408
GB19840008184 19840329	GB19840014208 19840604	GB19820031840 19821108
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US19870086849 19870819	US19860848950 19860407	

Probable Assignee: BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY

Assignee(s): (std): BRITISH TELECOMM ; CASSIDY STEPHEN A ; BRITISH TEREKOMIYUNIKEESHIYONZ

Assignee(s): CASSIDY STEPHEN ANTHONY ; REEVE MICHAEL H ; BURITEITSUSHIYU TEREKOMIYUNIKEESHIYONZU ; BURITEITSUSHU TEREKOMYUNIKEESHONZU PLC ; BRITISH TELECOMMUN PLC ; BRITISH TELECOMMUNICATIONS ; BRITISH TELECOMMUNICATIONS P L C LONDON GB ; BRITISH TELECOMMUNICATIONS PLC ; BRITISH TELECOMMUNICATIONS PUBLIC LTD CO ; BRITISH TELECOMMUNICATIONS PUBLIC LTD CO ; BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY ; BRITISH TELECOMMUNICATIONS PLC BRITISH TELECOM CEN ; BRITISH TELECOMMUNICATIONS PUBLIC CO A BRITISH CO ; BRITISH TELECOMMUNICATIONS PLC A CORP OF ENGLAND ; BRITISH TELECOMMUNICATIONS PUBLIC CO LTD

Inventor(s): (std): CASSIDY STEPHEN A ; CASSIDY STEPHEN ANTHONY ; MAIKERU HARII RIIBU ; REEVE MICHAEL H ; REEVE MICHAEL HARRY ; SUTEFUAN ANSONII KIYASHIDEI ; SUTEFUAN ANSONII KYASHIDEI

Inventor(s): REEVE MICHAEL HARRY IPSWICH SUFFOLK GB ; CASSIDY STEPHEN ANTHONY IPSWICH SUFFOLK GB ; STEPHEN ANTHONY CASSIDY ; MICHAEL HARRY REEVE

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; G RONALD BELL AND ASSOCIATES

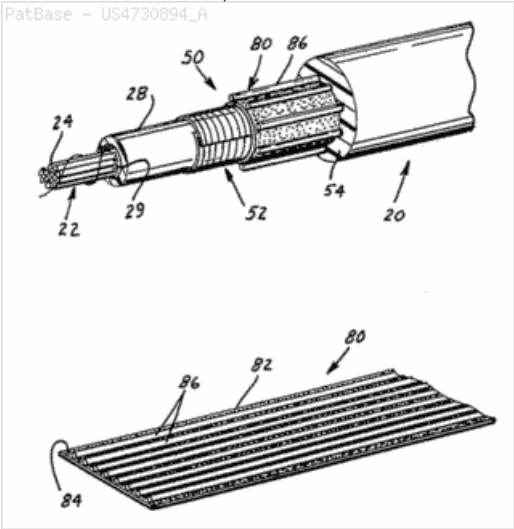
Designated states: AT BE CH DE FR GB IT LI LU NL SE

Title: Optical fiber cable having a prefabricated strength system and methods of making

Abstract: Source: US4730894A An optical fiber cable includes a core (22) comprising at least one optical fiber, a plastic tubular member (28) which encloses the core, a jacket (54) which encloses the tubular member and a prefabricated strength system which is interposed between the jacket and the tubular member. The strength system includes a carrier tape (82) which may be comprised of woven glass or impregnated woven glass, for example, and which is wrapped longitudinally about the tubular member. The carrier tape has an adhesive material disposed on one surface thereof for causing a plurality of longitudinally extending strength members (86-86) to remain attached to the tape while the jacket is being extruded over the strength system. In one embodiment, a metallic shield system (52) is disposed about the tubular member and the prefabricated strength system is disposed in engagement with an outer surface of the shield system.

Classifications:

International (IPC 8-9): G02B6/44 (Advanced/Invention); G02B6/44 (Core/Invention)
International (IPC 1-7): G02B6/44
CPC: G02B6/4411 G02B6/443 G02B6/448
European: G02B6/44C5A G02B6/44C7A G02B6/44C9B
US: 385/111 385/113 385/114



Family:

Publication number	Publication date	Application number	Application date
US4730894 A	19880315	US19860845105	19860327

Priority:

US19860845105 19860327

Probable Assignee: FITEL USA CORP

Assignee(s): (std): AMERICAN TELEPHONE AND TELEGRAPH

Assignee(s): AMERICAN TELEPHONE AND TELEGRAPH CO AT AND T ; AMERICAN TELEPHONE AND TELEGRAPH COMPANY AT and T BELL LABORATORIES ; BELL TELEPHONE LABORATORIES INC ; FITEL USA CORP ; LUCENT TECHNOLOGIES INC

Inventor(s): (std): ARROYO CANDIDO J

Title: Propellable optical fiber cable

Abstract: Source: US4976519A An optical fibre cable comprises an inner sheath containing at least one optical fibre member, and an outer sheath containing the inner sheath. The inner sheath is of a material which is soft and has a low modulus of elasticity. The outer sheath of a material having bulk properties, such as density and stiffness, and surface properties, such as surface texture and friction such that the cable can be propelled along a duct by a flow of air travelling along the duct. An intermediate sheath may be provided between the inner and outer sheaths.

Classifications:

International (IPC 8-9): G02B6/44 (Advanced/Invention); G02B6/44 (Core/Invention)

International (IPC 1-7): G02B6/44

CPC: G02B6/443 G02B6/4438

European: G02B6/44C7A G02B6/44C7P

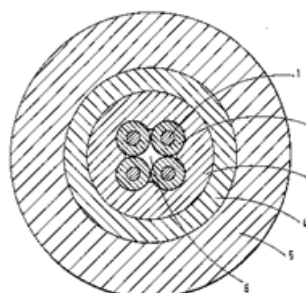
US: 385/102

PatBase - US4976519_A

U.S. Patent

Dec. 11, 1990

4,976,519



Family:

Publication number	Publication date	Application number	Application date
AT113389 E	19941115	AT19880305705T	19880622
AU198818237 A1	19890105	AU19880018237	19880622
AU607231 B2	19910228	AU19880018237	19880622
CA1321722 A1	19930831	CA19880570162	19880622
DE3851915 D1	19941201	DE19883851915	19880622
DE3851915 T2	19950323	DE19883851915T	19880622
EP0296836 A1	19881228	EP19880305705	19880622
EP0296836 B1	19941026	EP19880305705	19880622
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GB2206220 A1	19881229	GB19880014800	19880622
GB2206220 B2	19910123	GB19880014800	19880622
GB8714640 A0	19870729	GB19870014640	19870623
GB8814800 A0	19880727	GB19880014800	19880622
JP1088411 A2	19890403	JP19880155995	19880623
JP2831357 B2	19981202	JP19880155995	19880623
JP64088411 A2	19890403	JP19880155995	19880623
US4976519 A	19901211	US19880209871	19880622

Priority:

CA19880570162 19880622 GB19870014640 19870623

Probable Assignee: CORNING CABLE SYSTEMS LLC

Assignee(s): (std): CORNING LTD ; BICC PLC

Assignee(s): SADLER ALAN ARTHUR ; DAVEY RODNEY JOHN ; CCS TECHNOLOGY INC ; CORNING CABLE SYSTEMS LLC ; BALFOUR BEATTY PLC ; BICC DEVONSHIRE HOUSE MAYFAIR PLACE LONDON ; BICC DEVONSHIRE HOUSE MAYFAIR PLACE LONDON W1X 5FH ; BII AI SHII SHII PLC ; CORNING LIMITED ; BICC PUBLIC LIMITED COMPANY ; BICC PLC LONDON GB ; BICC PUBLIC CO LTD ; KOONINGU LTD ; CORNING LTD SUNDERLAND DURHAM GB

Inventor(s): (std): DAVEY RODNEY JOHN ; RODNEY JOHN DAVEY RODNEY JOHN ; SADLER ALAN ARTHUR ; SADLER ALAN ARTHUR SADLER ALAN ; RODNEY JOHN DAVEY ; DAVEY RODNEY J ; ARAN AASAA SADORAA ; SADLER ALAN A ; RODONII JIYON DEIBII

Inventor(s): RODNEY JOHN DAVEY RODNEY JOHN DAVEY PRESCOTT MERSE ; ALAN ARTHUR SADLER ; SADLER ALAN ARTHUR SADLER ALAN ARTHUR WARRINGTON CHESHIRE WA6 6AZ GB ; SADLER ALAN ARTHUR SADLER ALAN ARTHUR WARRINGTON C ; RODNEY JOHN DAVEY RODNEY JOHN DAVEY PRESCOTT MERSEYSIDE L35 0QD GB ; RODONII JON DEIBII

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RICHES MCKENZIE AND HERBERT LLP

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

Title: POLYPROPYLENE FILLER RODS FOR OPTICAL FIBER COMMUNICATIONS CABLES

Abstract: Source: US6066397A A filler rod for occupying space in a stranded optical fiber communications cable having at least one buffer tube containing at least one optical fiber is disclosed. The filler rod comprises an elongated rod extruded from a polypropylene homopolymer, a polypropylene-polyethylene copolymer (i-PP) resin material, or preferably, from a polypropylene-polyethylene copolymer having a nucleating agent disbursed therein. The resin material is foamed during extrusion so as to have a plurality of void spaces therein and a relative density which is less than 1 relative to the unfoamed resin material. As compared to rods made from high density polyethylene, the i-PP filler rods show a greater foaming efficiency, more efficient use of material, an improved combination of mechanical properties and density, reduced post-extrusion shrinkage and a substantial reduction in the sticking of the filler rods to the outer jacket that is experienced with high density polyethylene filler rods.

Classifications:

International (IPC 8-9): G02B6/44 (Advanced/Invention);
G02B6/44 (Core/Invention)

International (IPC 1-7): D02G3/00 G02B6/00 G02B6/44 H04B10/12

CPC: Y10T428/2927 Y10T428/2933 Y10T428/2938 Y10T428/294

Y10T428/2964 Y10T428/2967 Y10T428/2969 Y10T428/2973

Y10T428/2975 G02B6/4401

European: G02B6/44C

US: 385/100 385/103 385/113 385/123 428/372 428/375 428/378

428/379 428/392 428/394 428/395 428/397 428/398

PatBase - US6066397_A

U.S. Patent

May 23, 2000

Sheet 1 of 3

6,066,397

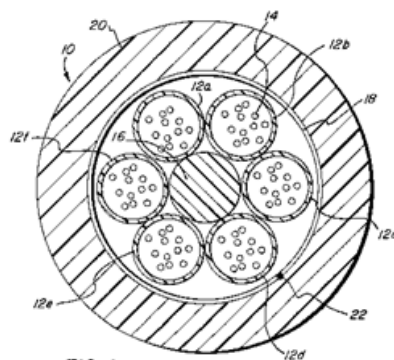


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
BRPI9901217 A	20000111	BR1999PI01217	19990330
EP0947868 A2	19991006	EP19990400694	19990322
EP0947868 A3	20040317	EP19990400694	19990322
US6066397 A	20000523	US19980052220	19980331
US6210802 BA	20010403	US20000501674	20000210

Priority:

US19980052220 19980331 US20000501674 20000210

Probable Assignee: DRAKA COMTEQ BV

Assignee(s): (std): CIT ALCATEL

Assignee(s): DRAKA COMTEQ BV ; ALCATEL ; ALCATEL ALSTHOM COMP GEN ; ALCATEL ALSTHOM COMP GENERALE D ELECTRICITE ; ALCATEL ALSTHOM COMP GENERALE D'ELECTRICITE

Inventor(s): (std): HOLDER JAMES D ; RISCH BRIAN G

Inventor(s): BRIAN G RISCH

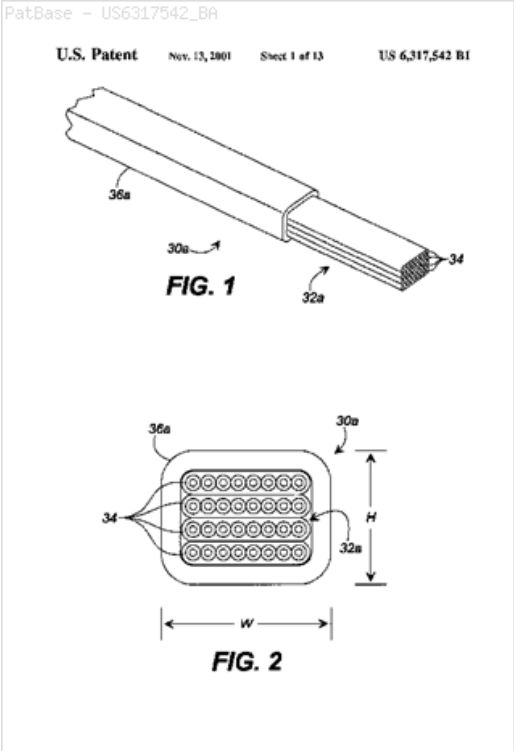
Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Title: Fiber optic cables with multiple stacks of optical fiber ribbons

Abstract: Source: US6317542B A fiber optic cable includes multiple differently sized stacks of optical fiber ribbons. The stacks include a central stack that is approximately centrally located in a jacket passage and peripheral stacks positioned radially around the central stack. A difference exists between the dimensions of the central stack and the dimensions of one or more of the peripheral stacks. Another fiber optic cable has multiple longitudinally extending stacks of optical fiber ribbons that are within a jacket passage. The stacks include a central stack that is approximately centrally located in the jacket passage, and peripheral stacks positioned radially around the central stack. Buffer encasements that respectively contain the peripheral stacks are longitudinally stranded around the central stack. Each buffer encasement includes a longitudinally extending interior surface that extends around and defines a longitudinally extending passage that contains the respective peripheral stack, and each interior surface closely bounds and engages a substantial portion of the periphery of the respective peripheral stack. Another fiber optic cable includes multiple optical modules within a longitudinally extending jacket and longitudinally stranded around a central member. Each optical module includes a stack of optical fiber ribbons enclosed in a buffer encasement. Each buffer encasement includes a longitudinally extending interior surface that extends around and defines a longitudinally extending passage that contains the respective stack, and the interior surface closely bounds and engages a substantial portion of the periphery of the respective stack.

Classifications:

International (IPC 8-9): G02B6/44 H01B11/00 (Advanced/Invention); G02B6/44 H01B11/00 (Core/Invention)
International (IPC 1-7): G02B6/44 H01B11/00
CPC: G02B6/4411 G02B6/4413 G02B6/4433 G02B6/4494
European: G02B6/44C5A G02B6/44C5B G02B6/44C7A1L S02B6/44C11
US: 385/109 385/110 385/112 385/113 385/114



Family:

Publication number	Publication date	Application number	Application date
EP1085359 A2	20010321	EP20000307644	20000904
JP2001194566 A2	20010719	JP20000279228	20000914
US6317542 BA	20011113	US19990396305	19990915

Priority:

US19990396305 19990915

Probable Assignee: FITEL USA CORP

Assignee(s): (std): LUCENT TECHNOLOGIES INC

Assignee(s): FITEL USA CORP ; LUCENT TECHNOL INC

Inventor(s): (std): HARDWICK III NATHAN E ; HARDWICK NATHAN E ; HARDWICK NATHAN E III ; JACKSON KENNETH WADE ; LEVER CLYDE JEFFERSON ; LEVER CLYDE JEFFERSON JR ; NORRIS RICHARD ; NORRIS RICHARD HARTFORD ; SHEU JIM JENQTSONG ; SMALL JR RICHARD DALTON ; SMALL RICHARD DALTON JR ; TAYLOR CARL RAYMOND ; WEIMANN PETER A

Agent(s): MOTOMIYA TERUHISA; FUJINO IKUO; TAKANASHI NORIMICHI; UBUKATA KAZUO; KATO NOBUAKI; TAKAHASHI SEIICHIRO; OCHI TAKAO; USUI SHINICHI; OKABE MASAO; YOSHIZAWA HIROSHI; ASAHI NOBUMITSU

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Title: OPTICAL FIBRE CABLE

Abstract: Source: US2004037522A An optical fibre cable for blown installation has a tubular central strength member (114) about which tubes (112) loosely housing optical fibres (116) are stranded. The jacket (118) is preferably formed from a high density polyethylene material and is extruded over the core (100) on which rip cords (124) are positioned. Water blocking compound (126) is provided in each tube (112) in any spaces therein which would otherwise be void. Also a water blocking material (128) is provided between the sheath (121) and the layer defined by the helically wound wrapping tape (122) or binding yarn in any spaces between the tubes (112) which would otherwise be void.

Classifications:

International (IPC 8-9): G02B6/44 (Advanced/Invention)

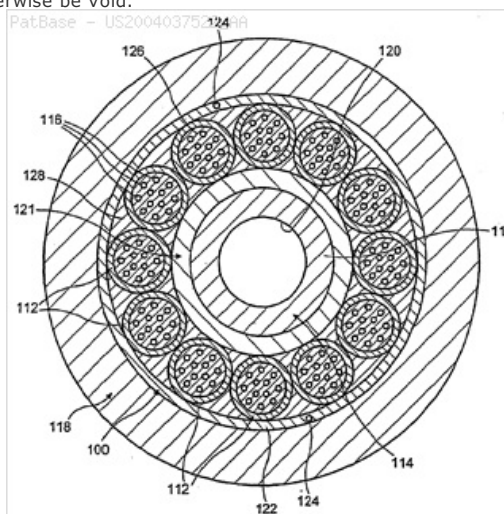
International (IPC 1-7): G02B6/44

CPC: G02B6/4429 G02B6/4464 G02B6/447 G02B6/4494

European: G02B6/44C11 G02B6/44C7 S02B6/44C8E2

S02B6/44C8T

US: 385/113



Family:

Publication number	Publication date	Application number	Application date
AR030126 AA	20030813	AR2001P103763	20010807
AU2001275704 AA	20020218	AU20010275704	20010725
AU2001275704 BB	20060615	AU20010275704	20010725
AU200175704 A5	20020218	AU20010075704D	20010725
BRPI0113126 A	20030729	BR2001PI13126	20010725
EP1307773 A1	20030507	EP20010953208	20010725
US2004037522 AA	20040226	US20030343907	20030805
US6876800 BB	20050405	US20030343907	20030805
WO0212943 A1	20020214	WO2001GB03343	20010725

Priority:

EP20000306704 20000807 EP20010953208 20010725 WO2001GB03343 20010725

Probable Assignee: PRYSMIAN CABLES AND SYSTEMS LTD

Assignee(s): (std): LANG IAN DEWI ; PEDDER JASON ; PIRELLI GENERAL PLC ; SUTEHALL RALPH ; TODD MATTHEW JOHN

Assignee(s): PRYSMIAN CABLES AND SYSTEMS LTD

Inventor(s): (std): TODD MATTHEW JOHN ; SUTEHALL RALPH ; PEDDER JASON ; LANG IAN DEWI

Inventor(s): RALPH SUTEHALL ; MATTHEW JOHN TODD ; JASON PEDDER ; IAN DEWI LANG

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: MULTI-LAYERED BUFFER TUBE FOR OPTICAL FIBER CABLE

Abstract: Source: US2005281517A A multi-layer buffer tube for a fiber optic cable comprises: a radially inward first layer formed into an elongate cylinder, the first layer being formed of a first polymeric material; and a radially outward second layer formed into an elongate cylinder that circumferentially overlies the radially inner layer, the second layer being formed of a second polymeric material that differs from the second material. In this configuration, the buffer tube can be formed of materials that can provide the benefits associated with those materials, and the combination of materials can compensate for some of the shortcomings of the materials when used alone.

Classifications:

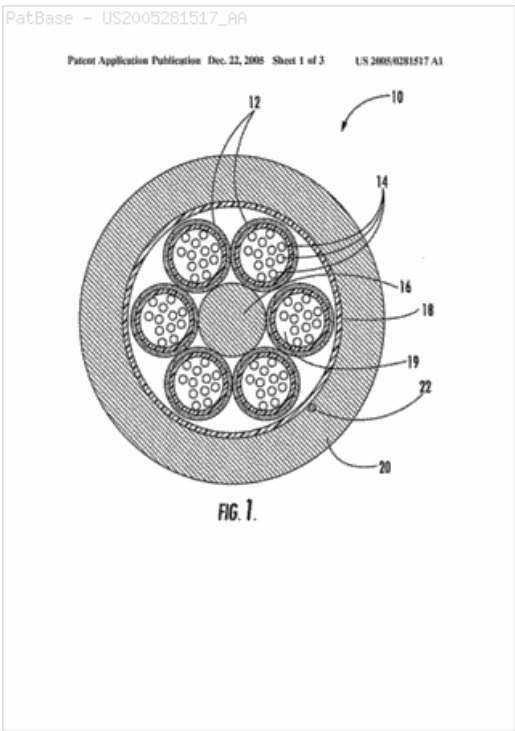
International (IPC 8-9): G02B6/44 (Advanced/Invention);
G02B6/44 (Core/Invention)

International (IPC 1-7): G02B6/44

CPC: G02B6/4429

European: G02B6/44C7

US: 385/100 385/109 385/110 385/112 385/113



Family:

Publication number	Publication date	Application number	Application date
US2005281517 AA	20051222	US20040872226	20040618

Priority:

US20040872226 20040618

Probable Assignee: COMMScope INC OF NORTH CAROLINA

Assignee(s): (std): FRANKLIN ROBERT B ; WESSELS ROBERT A JR

Assignee(s): COMMScope INC ; COMMScope INC OF NORTH CAROLINA ; COMMScope PROPERTIES LLC

Inventor(s): (std): FRANKLIN ROBERT B ; WESSELS ROBERT A JR

Inventor(s): WESSELS ROBERT AJR ; FRANKLIN ROBERT BRIAN ; WESSELS ROBERT A

Agent(s): JAMES R CANNON MYERS BIGEL SIBLEY AND SAJOVEC PA

Title: MULTILAYER CABLE JACKET

Abstract: Source: US2010276179A A multilayer cable jacket. In one example embodiment, a cable includes one or more internal components and a multilayer jacket surrounding the one or more internal components. The one or more internal components include at least one electrical conductor configured to propagate a signal. The multilayer jacket includes an inner layer surrounded by an outer layer with the inner layer being less rigid than the outer layer.

Classifications:

International (IPC 8-9): H01B11/18 H01B13/20 H01B13/22

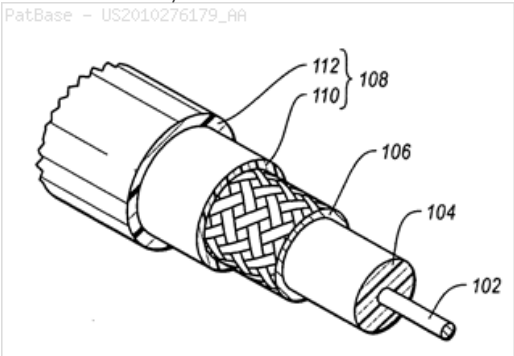
H01B7/00 H01B7/17 H01R43/00 (Advanced/Invention);

H01B13/22 H01B7/17 (Core/Non-invention)

CPC: H01B7/1875

European: H01B7/18P

US: 174/106R 174/113.00RP 174/113R 174/120R 29/825 29/825S 29/828 29/828P 29/828S



Family:

Publication number	Publication date	Application number	Application date
CN101877256 A	20101103	CN201010209662	20100429
TW201106384 A	20110216	TW20100113573	20100428
US2010276179 AA	20101104	US20090432546	20090429
US2011225814 AA	20110922	US20110151349	20110602
US8618418 BB	20131231	US20090432546	20090429
WO10126799 A2	20101104	WO2010US32289	20100423
WO10126799 A3	20110120	WO2010US32289	20100423

Priority:

US20090432546 20090429 US20110151349 20110602

Probable Assignee: PPC BROADBAND INC

Assignee(s): (std): AMATO ALAN JOHN ; MEZZALINGUA JOHN ASS ; PPC BROADBAND INC

Assignee(s): MR ADVISERS LTD ; JOHN MEZZALINGUA ASSOCIATES INC

Inventor(s): (std): AMATO ALAN JOHN ; JOHN AMATO ALAN

Agent(s): WORKMAN NYDEGGER,1000 EAGLE GATE TOWER; WORKMAN NYDEGGER 1000 EAGLE GATE TOWER; HISCOCK AND BARCLAY LLP; YODER STEPHEN R ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: OPTICAL-FIBER CABLE HAVING HIGH FIBER COUNT AND HIGH FIBER DENSITY

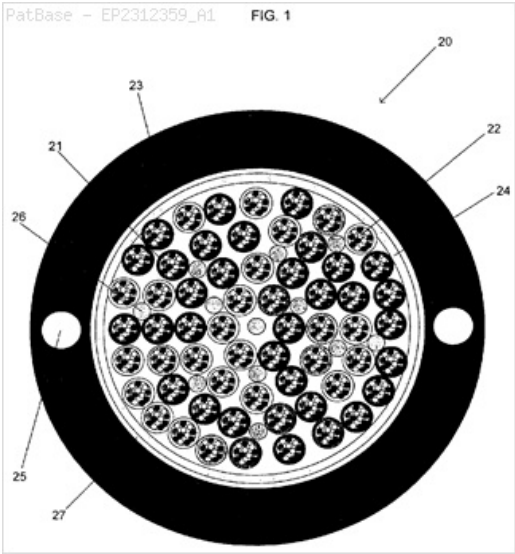
Abstract: Source: EP2312359A1 Disclosed is a reduced-diameter optical-fiber cable that possesses a high fiber count and a high cable fiber density. The high-fiber-density optical-fiber cable, which is suitable for deployments in ducts, is capable of achieving outstanding attenuation performance when subjected to temperature variations between about -40 degrees centigrade and 70 degrees centigrade

Classifications:

International (IPC 8-9): G02B6/44 (Advanced/Invention)

CPC: G02B6/441 G02B6/4433 G02B6/4494

European: G02B6/44C5 G02B6/44C7A1L S02B6/44C11



Family:

Publication number	Publication date	Application number	Application date
EP2312359 A1	20110420	EP20090290799	20091019

Priority:

EP20090290799 20091019

Probable Assignee: DRAKA COMTEQ BV

Assignee(s): (std): DRAKA COMTEQ BV

Assignee(s): DRAKA COMTEQ B V

Inventor(s): (std): TATAT OLIVIER M

Agent(s): OP DEN BROUW SPRAKEL VERA STEFANIE IRENE

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR