

Search strategy

Query

((OPTICAL FIBER) AND (ENCLOSURE OR HOUSING) AND CAP AND TRAY AND BUSHING)/TI/AB/TX AND
(G02B)/IPC/CPC

8 Documents

Publication numbers	Title	Current assignees
EP2841971 A1	Optical fiber connector	CORNING RESEARCH & DEVELOPMENT
EP2815259 A1	Fiber optic cable sub-assemblies and methods of making said sub-assemblies	CORNING OPTICAL COMMUNICATIONS
EP2391917 A1	Fiber optic enclosure	COMMSCOPE TECHNOLOGIES
EP1949156 A1	Optical connector, fiber distribution unit, and fiber termination platform for optical connectors	CORNING RESEARCH & DEVELOPMENT
US4190316 A	Lens connector for optical fibers	DEUTSCH
EP-684087 A1	Method of waste disposal.	MERCK SHARP & DOHME
EP2674797 A1	Cable fixture assembly for fastening at least one cable at a cable carrier as well as a splitter comprising such cable fixture assembly	TE CONNECTIVITY
EP2943831 A1	High pressure splice housing	AFL TELECOMMUNICATIONS

Family 1/8 - FAMPAT - ©Questel

Title

(EP2841971)

Optical fiber connector**Publication numbers**

IN329362

PL2841971

ES2648152

EP2841971

RU2606700

CN103376513

US9383526

IN7808/CHENP/2014

RU2014139568

EP2841971

JP2015515028

US20150117822

EP2841971

KR20150003858

BR112014025721

WO2013/159331

CN103376513

CN202794603

Publication dates

2020-01-14

2018-01-31

2017-12-28

2017-09-13

2017-01-10

2016-08-10

2016-07-05

2016-07-01

2016-06-20

2015-12-02

2015-05-21

2015-04-30

2015-03-04

2015-01-09

2014-12-02

2013-10-31

2013-10-30

2013-03-13

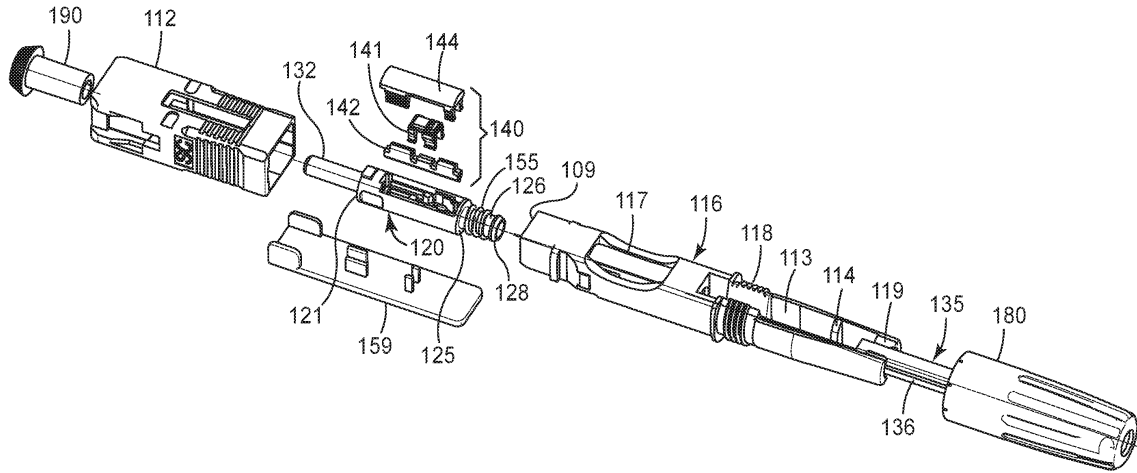
Abstract

(EP2841971)

An **optical fiber** connector (100) is provided, which comprises: a **housing** (112) configured to mate with a receptacle; a gripping device (140) to grip an **optical fiber** (135), the gripping device (140) including a fiber gripping element (142) and an actuating **cap** (144) configured to engage the gripping element (142); a collar body (120) disposed in the **housing** (112), wherein the collar body (120) includes a ferrule (132) securely disposed in an opening (121) of the collar body (120), the ferrule (132) including a central bore that defines an axis, and a **housing** portion (123) disposed in a generally central

portion of the collar body (120) and having an opening (122) to receive the gripping device (140), wherein the gripping element (142) comprises a ductile material having a focus hinge that couples first and second element arms and wherein a first portion of the gripping element (142) includes a fiber gripping channel to clamp an **optical fiber** (135) received therein upon actuation by the actuating **cap** (144); a backbone (116) to retain the collar body (120) within the **housing** (112), the backbone (116) including a fiber jacket clamping portion (119) to clamp a jacket portion (136) of the **optical fiber** (135); and a boot (180) attachable to a portion of the backbone (116), wherein the boot (180) actuates the fiber jacket clamping portion (119) of the backbone (116) upon attachment to the backbone (116).

Images



Family 2/8 - FAMPAT - ©Questel

Title

(EP2815259)

Fiber optic cable sub-assemblies and methods of making said sub-assemblies

Publication numbers

ES2746699

EP2815259

US10310208

CN104169766

JP2015510148

EP2815259

CN104169766

KR20140124390

CA2864413

WO2013/122752

US20130209043

Publication dates

2020-03-06

2019-07-24

2019-06-04

2016-09-28

2015-04-02

2014-12-24

2014-11-26

2014-10-24

2013-08-22

2013-08-22

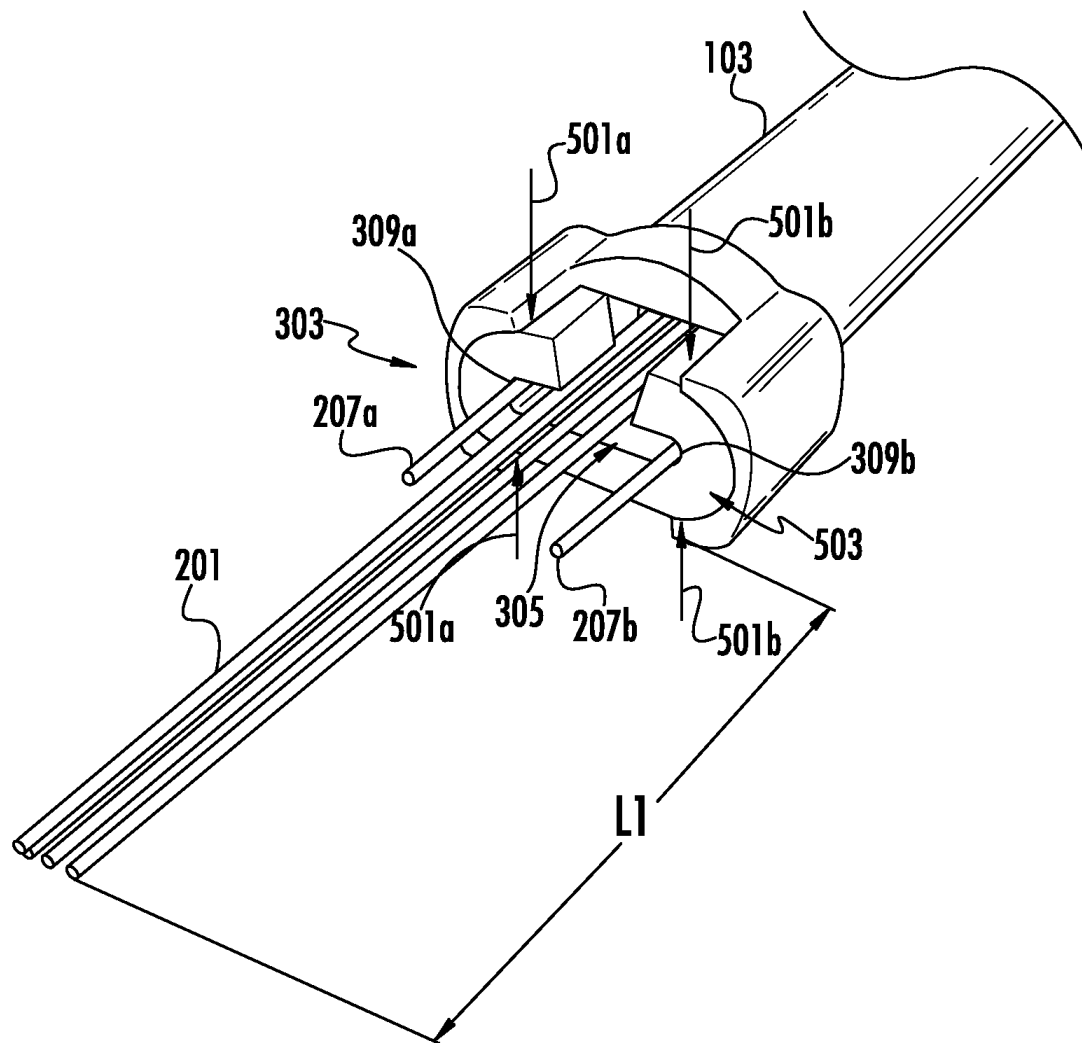
2013-08-15

Abstract

(EP2815259)

Fiber optic cable sub-assemblies comprise a fiber optic cable including at least one **optical fiber** (201), a cable jacket that houses the **optical fiber** and at least one strength member (207). The fiber optic cable sub-assembly further comprises a collar (301) including an inner portion (303) seated within a cavity of an outer portion (311), wherein the inner portion is attached to an end portion of the strength member of the cable, and the **optical fiber** extends through the collar to protrude from an outer axial end of the collar. Methods of assembling a fiber optic cable sub-assembly include providing a cable having a strength member along with a collar having an inner portion and an outer portion, attaching the inner portion to an end portion of the strength member so the **optical fiber** extends from an outer axial end of the collar along with methods for making cable assemblies.

Images



Family 3/8 - FAMPAT - ©Questel

Title

(EP2391917)

Fiber optic enclosure

Publication numbers

US8213760

CN102365572

EP2391917

MX2011008002

WO2010/088202

US20100189404

Publication dates

2012-07-03

2012-02-29

2011-12-07

2011-09-15

2010-08-05

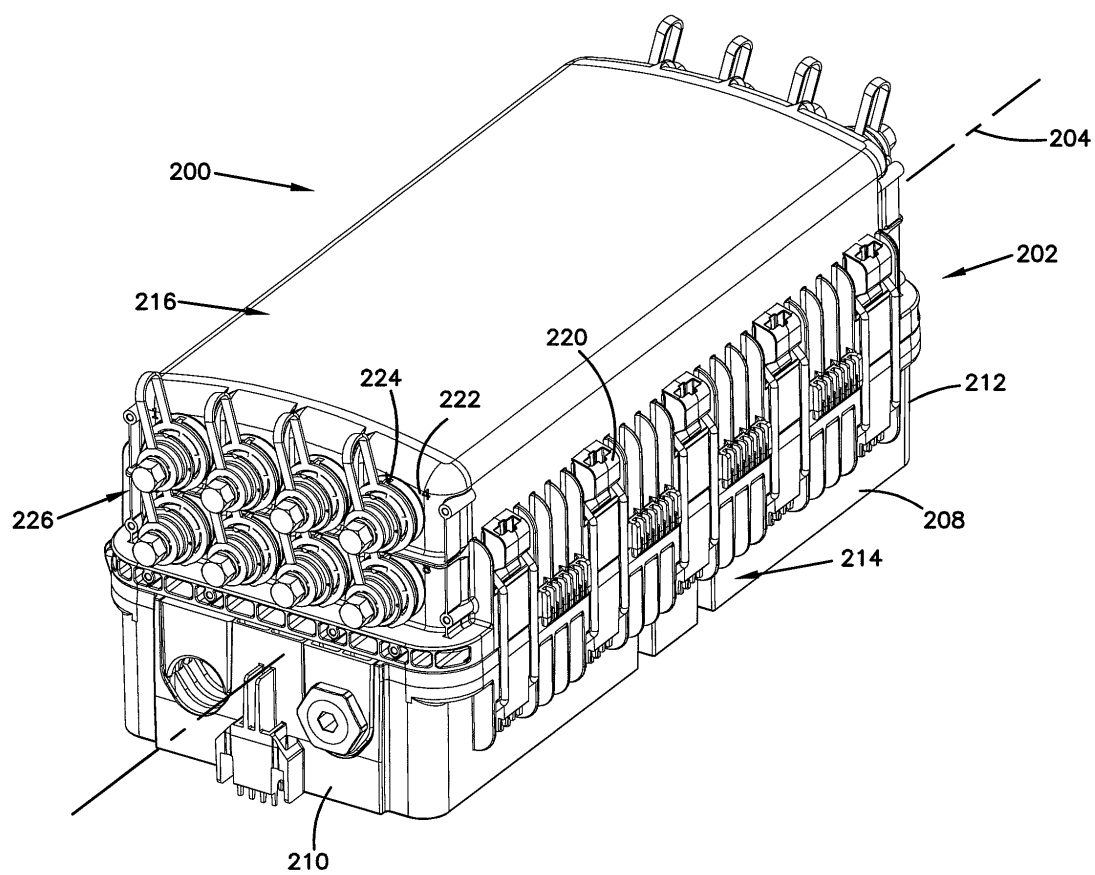
2010-07-29

Abstract

(EP2391917)

A fiber optic enclosure assembly (200) includes an enclosure (202) having a base (214) and a cover (216) connected to the base. The base and the cover cooperate to define an interior region (266). The enclosure includes a tray-mount (552) disposed in the interior region. A plurality of fiber optic cable ports (226) is mounted to the enclosure. A tray stack (500) is mounted within the interior region of the enclosure. The tray stack includes a tray mounting plate assembly (501) that is pivotally connected to the tray mount of the enclosure. The tray mounting plate assembly (501) includes a tray mounting plate (502) and a detent that engages the tray mount to selectively retain the tray stack (500) in an opening position and a closed position. The tray stack further includes a plurality of trays mounted to the tray mounting plate.

Images



Family 4/8 - FAMPAT - ©Questel

Title

(EP1949156)

Optical connector, fiber distribution unit, and fiber termination platform for optical connectors

Publication numbers

IN268733

JP5367372

CN101833140

BRPI0617791

EP1949156

CN101297224

CN101833140

RU2395107

RU2008114412

JP2009512897

IN2032/CHENP/2008

CN101297224

EP1949156

KR20080064989

US7369738

US7280733

TW200732721

US20070104425

US20070104445

CA2626776

WO2007/050470

Publication dates

2015-09-18

2013-12-11

2012-09-05

2011-08-09

2011-04-13

2010-09-15

2010-09-15

2010-07-20

2009-12-10

2009-03-26

2009-02-27

2008-10-29

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2007-10-09

2007-09-01

2007-05-10

2007-05-10

2007-05-03

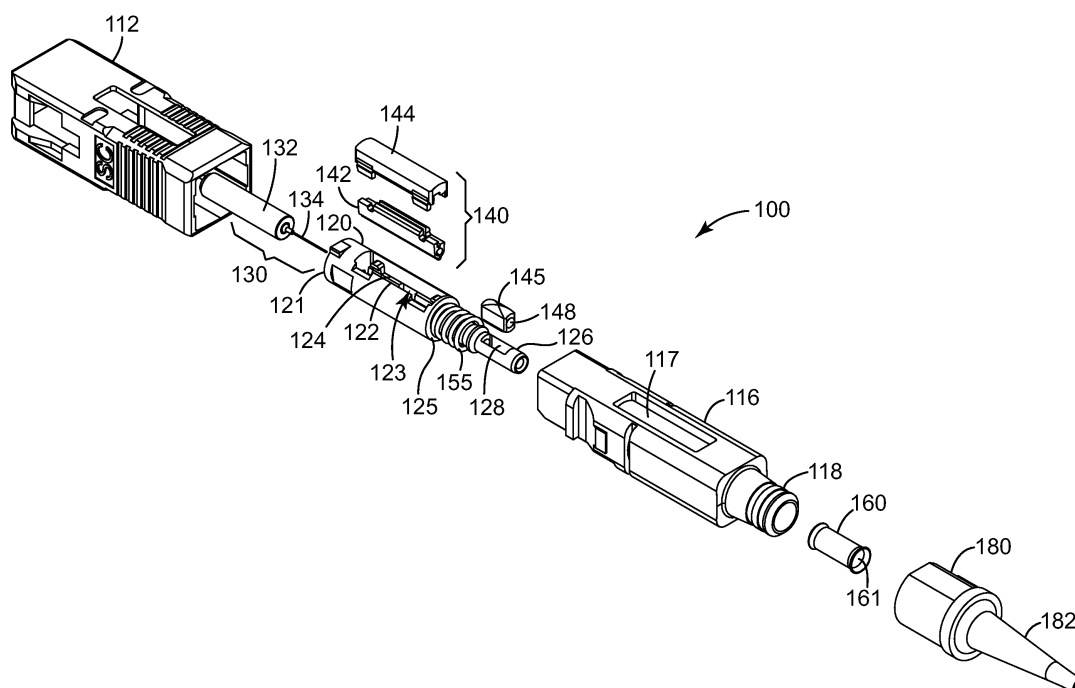
2007-05-03

Abstract

(EP1949156)

An optical connector for terminating an optical fiber comprises a housing configured to mate with a receptacle and a collar body disposed in the housing. The collar body also includes a mechanical splice disposed in a second portion of the collar body, the mechanical splice configured to splice the second end of the fiber stub to a second optical fiber. The collar body also includes a buffer clamp configured within a third portion of the collar body, the buffer clamp configured to clamp at least a portion of a buffer cladding of the second fiber upon actuation. A field termination platform and method for field termination of an optical fiber in the optical fiber connector are also provided. The field termination platform includes a base configured to hold the optical fiber connector. An actuation mechanism is disposed on the base to actuate the splice element of the optical connector and to actuate the buffer clamping portion of the optical connector. A fiber holder is provided to hold the optical fiber in the termination platform during termination.

Images



Family 5/8 - FAMPAT - ©Questel

Title

(US4190316)

Lens connector for optical fibers

Publication numbers

GB2013922

CA1116905

US4190316

JPS54118256

DE2904027

FR2416488

GB2013922

Publication dates

1982-06-03

1982-01-26

1980-02-26

1979-09-13

1979-09-06

1979-08-31

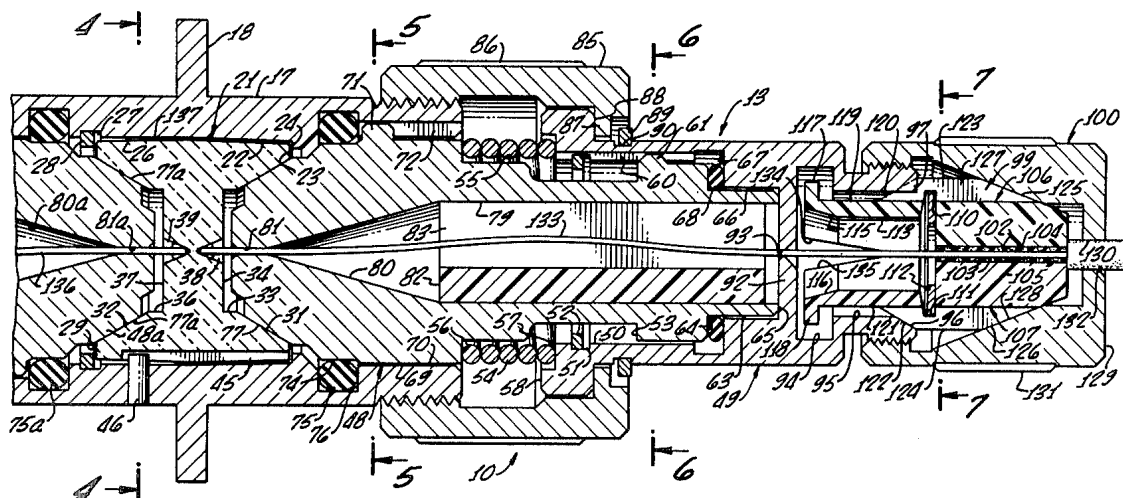
1979-08-15

Abstract

(US4190316)

This invention provides a connector for optical fibers which includes a receptacle within which is a lens member, with plugs being connected to the opposite ends of the receptacle so that optical fibers carried by the two plugs are in a light-transmissive relationship at the lens member. The plugs include forward tapered surfaces which are biased by resilient forces against tapered surfaces of the lens member for directly aligning the plugs with the lens member. Each of the plugs includes a back shell carrying a clamping member in which resilient pads are biased against the fiber to grip it without damaging it. Within the front shell the optical fiber is caused to bow in a predetermined direction which enables compensation to be made for any offset in the axes of the cavities in the lens member. There is also a cable clamp for retaining the cable of the optical fiber unit to the connector between tapered surfaces, and a tool with an expansible loop and a stop for associating the end portion of the cable with the tapered surfaces of the cable clamp.

Images



Family 6/8 - FAMPAT - ©Questel

Title

(EP-684087)

Method of waste disposal.

Publication numbers

CZ287602

IL108837

CN1054919

HU218263

CA2157358

RU2134895

HU216367

KR0178304

JP2802168

US5710251

AU683458

AU680878

NZ263006

US5626552

CZ125196

JPH08506910

CZ209395

JP08168736

HUT73102

HUT73104

JPH08503227

CN1119018

CN1118191

EP0684087

KR1996-0701084

KR19967001084

KR19967001376

KR960701084

EP0688335

PL310352

EP0685080

EP0684087

BR9405729

HU9502401

HU9502586

FI954047

FI954047

TR27640

WO95/13886

AU6351594

CA2157358

WO94/20525

AU6163294

CA2156283

WO94/19717

US5328989

IL108837

US5321784

Publication dates

2001-01-17

2001-01-11

2000-07-26

2000-06-28

2000-05-16

1999-08-20

1999-06-28

1999-04-01

1998-09-24

1998-01-20

1997-11-13

1997-08-14

1997-07-27

1997-05-06

1996-09-11

1996-07-23

1996-07-17

1996-07-02

1996-06-28

1996-06-28

1996-04-09

1996-03-20

1996-03-06

1996-02-28

1996-02-24

1996-02-24

1996-02-24

1996-02-24

1995-12-27

1995-12-11

1995-12-06

1995-11-29

1995-11-28

1995-10-30

1995-10-30

1995-08-29

1995-08-29

1995-06-14

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1994-09-01

1994-09-01

1994-07-12

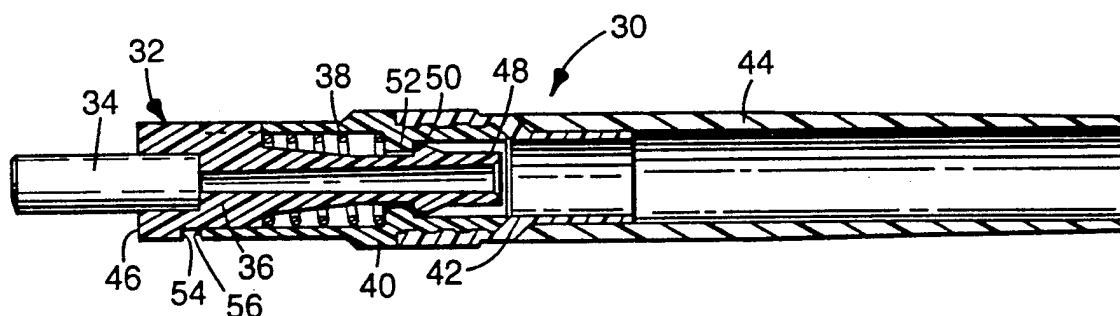
1994-06-24

1994-06-14

Abstract

(EP0684087)

A method for solidifying industrial waste containing various toxic metals and other substances without fail and stabilizing the waste so as to prevent the toxic metals, particularly lead, from leaching out. The method comprises mixing a waste containing calcium compounds such as hydroxide, oxide and chloride of calcium with a treatment mainly comprising water glass, adding, if necessary, water thereto to adjust the total water content to 25-75 parts by weight per 100 parts by weight of the waste, kneading the resultant mixture, and aging the same for at least 6 hours in a temperature range of 40 to 100 DEG C, preferably by utilizing the waste heat of a waste incinerator.

Images

Family 7/8 - FAMPAT - ©Questel

Title

(EP2674797)

Cable fixture assembly for fastening at least one cable at a cable carrier as well as a splitter comprising such cable fixture assembly

Publication numbers

CN103487903

JP6253081

EP2674797

US9383521

IN1680/DEL/2013

US20140153876

CN103487903

JP2013257566

EP2674797

Publication dates

2019-01-01

2017-12-27

2017-08-23

2016-07-05

2015-02-13

2014-06-05

2014-01-01

2013-12-26

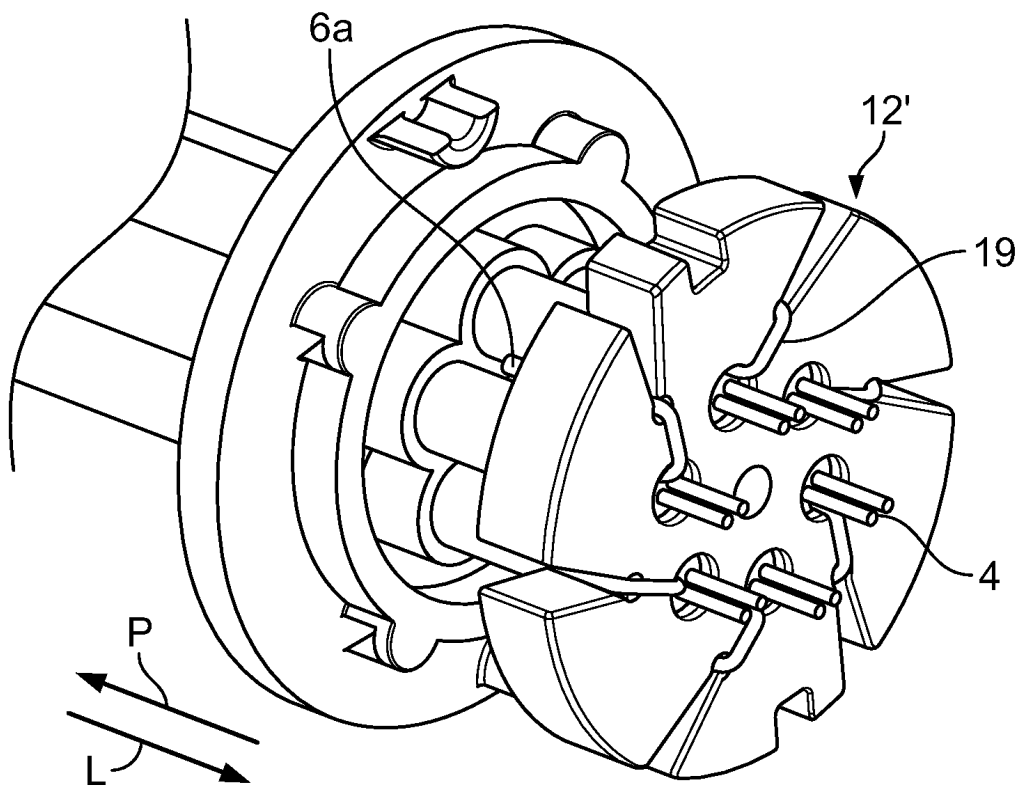
2013-12-18

Abstract

(EP2674797)

The invention relates to a cable fixture assembly (1) for fastening at least one cable (2), such as an optical fibre cable (2a), at a cable carrier (3), such as a **housing** (23) of a splitter (22), said assembly (1) comprising: the cable (2) having a core (4), a reinforcement cover (6) for protecting the core (4) as well as an outer jacket (8), wherein the reinforcement cover (6) and the outer jacket (8) are stripped off the core (4), at least in sections, and the stripped-off reinforcement cover (6) is folded back; as well as the cable carrier (3), to which the cable (2) is fastened with the fold-back section (6a) of the reinforcement cover (6). Further provided is a method of fastening at least one cable (2) having a core (4), a reinforcement cover (6) for protecting the core (4) as well as an outer jacket (8), such as an optical fibre cable (2a), at a cable carrier (3), such as the **housing** (23) of a splitter (22), the method comprising the steps of: stripping the reinforcement cover (6) and the outer jacket (8) off the core (4), at least in sections; folding back the stripped-off reinforcement cover (6), and fastening the fold-back section (6a) of the reinforcement cover (6) to the cable carrier (3). For providing a cable fixture assembly as well as a method of fastening that gives a better resistance against tensile load when the cable is pulled on, the assembly of the present invention comprises a strengthening member (12), around which the fold-back section (6a) of the reinforcement cover (6) is looped, and the method of the present invention comprises the step of looping the fold-back section (6a) of the reinforcement cover (6) around a strengthening member (12).

Images



Family 8/8 - FAMPAT - ©Questel

Title

(EP2943831)

High pressure splice **housing****Publication numbers**

BR112015017683

US9557512

EP2943831

US20160054535

EP2943831

BR112015017683

WO2014/160787

Publication dates

2017-07-11

2017-01-31

2016-08-24

2016-02-25

2015-11-18

2015-08-04

2014-10-02

Abstract

(EP2943831)

A pressure **housing** apparatus including a first cable termination shell, a **housing** connected to the first cable termination shell, a pressure vessel slide shell provided to the hollow **housing**, a cable termination assembly oriented within the **housing**, a plurality of pass through windows provided from the interior of the **housing** to the splice trays, and a plurality of circumferentially oriented splice trays provided to the cable termination assembly configured for receiving fiber tubes.

Images