

1) Family number: 3072267 (US4846565 A)

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Title: Emergency preterminated cable apparatus

Abstract: An emergency fiber optic cable repair apparatus including a length of multi-fiber optical cable preterminated at both ends, the preterminated optical fibers at each end being spliced to respective splicing devices mounted upon a respective splice cradle positioned within a respective of two enclosures to each of which an end of a damaged fiber optic cable can be coupled so that the optical fibers at each end of such damaged cable can be spliced to a respective splice cradle.

Classifications:

International (IPC 8-9): G02B6/00 G02B6/24 G02B6/38 G02B6/42 G02B6/44

International (IPC 1-7): G02B6/00 G02B6/24 G02B6/38 G02B6/40 G02B6/44

CPC: G02B6/3887 G02B6/3897 G02B6/4248 G02B6/4441

G02B6/4453 G02B6/4467

US: 385/135 350/96.22

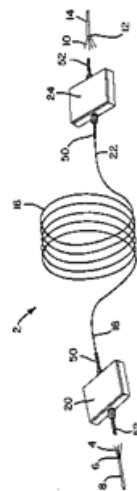
PatBase - US4846565_A

U.S. Patent

Jul. 11, 1989

Sheet 1 of 6

4,846,565

**Family:**

Publication number	Publication date	Application number	Application date
EP0346145 A2	19891213	EP19890305867	19890609
EP0346145 A3	19900718	EP19890305867	19890609
EP0346145 B1	19930310	EP19890305867	19890609
ES2039077 T3	19930816	ES19890305867T	19890609
JP2029703 A2	19900131	JP19890143216	19890607
US4846565 A	19890711	US19880204801	19880610

Priority:

US19880204801 19880610

Probable Assignee: SIECOR PUERTO RICO INC

Assignee(s): (std): GTE CONTROL DEVICES INC ; GTE PROD CORP

Assignee(s): GTE CONTROL DEVICES INCORPORATED ; GTE CONTROL DEVICES OF PUERTO RICO INC ; GTE PRODUCTS CORP ; SIECOR PUERTO RICO INC

Inventor(s): (std): AANORUDO II JII ; GEE ARNOLD E ; SUTEIIBUN II SUWANSON ; SWANSON STEVEN E

Designated states: ES FR GB NL

2) Family number: 78768654 (WO20091823 A1)

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Title: CABLE TERMINATION ASSEMBLY WITH DISENGAGEMENT PREVENTION STRUCTURES

Abstract: An optical fiber termination system includes a housing, a cable, and a catch. The housing defines a portion of a passageway and a surface surrounding the passageway. The passageway defines a central axis and the surface defines an interior of the housing. The cable is receivable through the portion of the passageway. The cable includes an optical fiber and defines a longitudinal axis. The catch is receivable in the housing and attachable to and extendable from the cable in a direction transverse to the longitudinal axis such that the catch limits movement of the cable in a direction away from the interior of the housing when the catch is received in the housing and the cable is received through the portion of the first passageway.

Classifications:

International (IPC 8-9): H04B10/07 H04B10/25

CPC: G02B6/28 G02B6/3897 G02B6/4452 G02B6/4471 H04B10/801

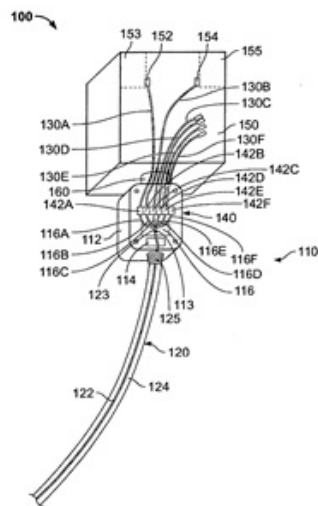


FIG. 1A

Family:

Publication number	Publication date	Application number	Application date
WO20091823 A1	20200507	WO2019US00063	20191104

Priority:

US20180754978P 20181102 US20190813475P 20190304 US20190855470P 20190531

Probable Assignee: GO FOTON HOLDINGS INC

Assignee(s): (std): GO FOTON HOLDINGS INC

Inventor(s): (std): ANDERSON PATRICK ; CHEN DAVID ZHI ; LU HAIGUANG ; TAKEUCHI KENICHIRO

Agent(s): BERGERON RYAN L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JO JP KE KG KH KM KN KP KR KW 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

3) Family number: 70075992 (US2018164523 AA)

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Title: OPTICAL TERMINATION BOX

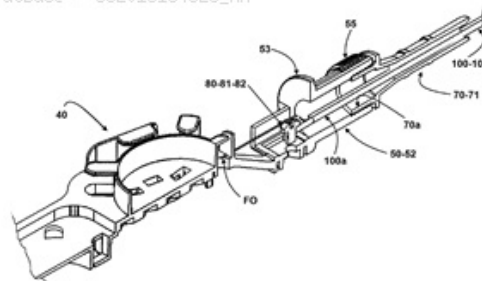
Abstract: An optical termination box comprising: a tubular housing (10) with an open end (10b) and a closed end (10a) provided with an input opening (11) for an optical distribution cable (100); a cover (20) securable against the open end (10b) of the housing (10) and pierced by output adapters (30); and an optical fiber accommodating tray (40), internal to the tubular housing (10) and having a first end (41) carrying a tubular bushing (50) with a base portion (51) seated against the closed end (10a) of the tubular housing (10), and a projecting body portion (52) out of the input opening (11), to cooperate with a puller (60) that holds the tubular bushing (50) hermetically pressed against the closed end (10a) of the tubular housing (10). The tubular bushing (50) hermetically receives and retains an end portion (100a) of an optical distribution cable (100) containing at least one optical fiber (FO).

Classifications:

International (IPC 8-9): G02B6/38 G02B6/44

CPC: G02B6/3897 G02B6/4441 G02B6/4444 G02B6/4471

US: 1/1 385/135

**Family:**

Publication number	Publication date	Application number	Application date
AR110337 AA	20190320	AR2017P103449	20171207
BR102016029000 A2	20180717	BR20161029000	20161209
CL2019001572 A1	20190816	CL20190001572	20190607
CO20190005871 A2	20190830	CO20190005871	20190605
ES2718582 AB	20190702	ES20190090047	20171208
ES2718582 BB	20200602	ES20190090047	20171208
ES2718582 R1	20200131	ES20190090047	20171208
ID201907425 A	20191011	ID2019P0005679	20171208
PE20191311 A1	20190923	PE20190001214	20171208

US10234647 BB	20190319	US20170837796	20171211
US2018164523 AA	20180614	US20170837796	20171211
WO18102901 A1	20180614	WO2017BR50376	20171208

Priority:

BR20161029000 20161209 WO2017BR50376 20171208

Probable Assignee: FURUKAWA ELECTRIC LATAM SA

Assignee(s): (std): FURUKAWA ELECTRIC LATAM S A ; FURUKAWA IND S A PRODUTOS ELETRICOS

Assignee(s): FURUKAWA INDUSTRIAL PRODUTOS ELETRICOS SA ; FURUKAWA INDUSTRIAL S A PRODUTOS ELETRICOS

Inventor(s): (std): ANDERSON MARCELO STANCYK ; GABRIEL TANNER PASETTI ; KINOSHITA YOSHIZAWA WILHERM TOSHIO ; MARCELO STANCYK ANDERSON ; PASETTI GABRIEL TANNER ; STANCYK ANDERSON MARCELO ; TANNER PASETTI GABRIEL ; TOSHIO KINOSHITA YOSHIZAWA WILHERM ; WILHERM TOSHIO KINOSHITA YOSHIZAWA ; YOSHIZAWA WILHERM TOSHIO KINOSHITA

Agent(s): COSTA DE MENEZES E GONCALVES MARCIO ET AL; ELZABURU SLP; ELZABURU SLP ELZABURU SLP; INDIAH HANDAYANI SFARM APT; JOHANSSON AND LANGLOIS; SCHULMAN ESQ B AARON; STITES AND HARBISON PLLC

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JO JP KE KG KH KM KN KP KR KW 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

4) Family number: 75993563 (WO19178664 A1)

© PatBase

Title: OPTICAL TERMINATION BOX

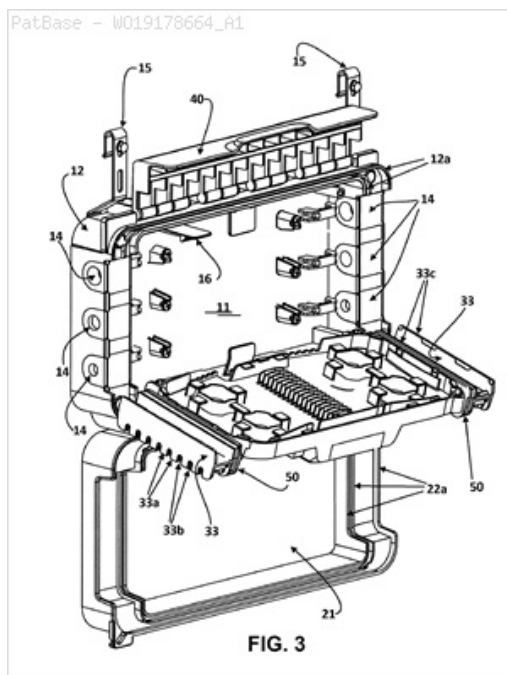
Abstract: The box comprises a base (10) hinged to a lid (20) and has outer walls (12, 22) with front and rear edges (12a, 22a), which form a sealing labyrinth. Lateral openings (13) in the base (10) house sealing bushings (14) for optical cables (CO). A tray (30), bearing optical fibre accommodating and adjusting elements on a rear side (31) and connection elements on a front side (32), is hinged to the base (10). Lateral troughs (33) and sealing elements (50), on the front side (32) of the tray (30), accommodate terminal cables (CT). The lid (20) has a rear edge (22a) laid against a sealing element (50) and another rear edge (22a) that engages with a front edge (33a) of a lateral trough (33) into which an anchoring element (60) is fitted, accommodating terminal cables (CT).

Classifications:

International (IPC 8-9): G02B6/44 H02G15/10 H02G3/08

International (IPC 1-7): G02B6/44 H02G15/10 H02G3/08

CPC: G02B6/44 H02G15/10 H02G3/08



Family:

Publication number	Publication date	Application number	Application date
BR102018005815 A2	20191008	BR20181005815	20180323
WO19178664 A1	20190926	WO2019BR50098	20190322

Priority:

BR20181005815 20180323

Probable Assignee: FURUKAWA ELECTRIC LATAM S A

Assignee(s): (std): FURUKAWA ELECTRIC LATAM S A

Inventor(s): (std): CRUZ RENATO FLAVIO ; DOS SANTOS ROBSON DIEGO VERBISKI ; KULCZYNSKYJ MICHAEL ; MARCOS GUIDO SABINO ; MICHAEL KULCZYNSKYJ ; RENATO FLAVIO CRUZ ; ROBSON DIEGO VERBISKI DOS SANTOS ; SABINO MARCOS GUIDO ; SCARPIN SERGIO ROBERTO ; SERGIO ROBERTO SCARPIN ; THIAGO DECONTO VIEIRA ; VIEIRA THIAGO DECONTO

Agent(s): ARNAUD ANTONIO M P

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JO JP KE KG KH KM KN KP KR KW 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 PA PE PG PH PL PT QA RO RS RU RW SA 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: Space-saving optical fiber cable closure

Abstract: An optical fiber cable closure (20) includes a cable termination assembly (26) and a cover (28) into which the termination assembly is inserted. The cable termination assembly includes an end plate assembly (34) through which distribution cables (21,22) to be spliced extend. From the end plate is cantilevered a distribution portion (106) which supports an optical fiber organizer (115). Mounted on the fiber organizer adjacent to a longitudinal edge thereof are a plurality of stacked organizing modules (120,120). Each module includes a plurality of nests (134-134) for receiving splicing devices such that the axes of the fibers in the devices are parallel to each other and to an axis of the closure. Optical fibers from each incoming cable are routed in individual bundles or as ribbons from the distribution portion to selected ones of the modules. The stacked organizing modules are held spaced above the fiber organizer to allow fiber to become routed therebetween thereby allowing a radius of curvature which exceeds that if the fiber had been routed between the stack of modules and an opposite longitudinal edge.

Classifications:

International (IPC 8-9): G02B6/00 G02B6/24 G02B6/44

International (IPC 1-7): G02B6/00 G02B6/24 G02B6/36 G02B6/44

CPC: G02B6/4442 G02B6/4445 G02B6/4454 G02B6/4471

US: 385/135

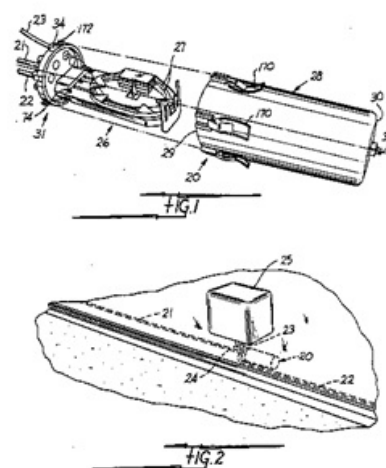
PatBase - US5097529_A

U.S. Patent

Mar. 17, 1992

Sheet 1 of 6

5,097,529



Family:

Publication number	Publication date	Application number	Application date
CA2061911 AA	19920923	CA19922061911	19920226
CA2061911 C	19980526	CA19922061911	19920226
DE69216666 D1	19970227	DE19926016666T	19920313
DE69216666 T2	19970710	DE19926016666T	19920313
EP0505104 A1	19920923	EP19920302163	19920313
EP0505104 B1	19970115	EP19920302163	19920313
JP2806406 B2	19980930	JP19920091429	19920318
JP7191227 A2	19950728	JP19920091429	19920318
US5097529 A	19920317	US19910673880	19910322

Priority:

US19910673880 19910322 CA19922061911 19920226

Probable Assignee: FURUKAWA ELECTRIC NORTH AMERICA INC

Assignee(s): (std): AMERICAN TELEPHONE AND TELEGRAPH ; AT AND T BELL LAB ; AT AND T CORP

Assignee(s): AMERICAN TELEPH AND TELEGR CO ; AMERICAN TELEPH AND TELEGR CO ATT ; AMERICAN TELEPHONE AND TELEGRAPH CO ; AMERICAN TELEPHONE AND TELEGRAPH CO 550 MADISON AV ; AMERICAN TELEPHONE AND TELEGRAPH COMPANY ; AT AND T BELL LABORATORIES ; AT AND T CORP NEW YORK N Y US ; COBB GARY SIMPSON ; DUNN LAWRENCE RUSSELL ; EDWARDS SYSTEMS TECHNOLOGY INC ; EVERS MELVIN WAYNE ; FITEL USA CORP ; FURUKAWA ELECTRIC NORTH AMERICA INC ; JONES WESLEY WILLING ; LUCENT TECHNOLOGIES INC

Inventor(s): (std): COBB GARY S ; COBB GARY SIMPSON ; DUNN LAWRENCE R ; DUNN LAWRENCE RUSSELL ; EVERS MELVIN W ; EVERS MELVIN WAYNE ; GERII ESU KOBU ; JONES WESLEY W ; JONES WESLEY WILLING ; MERUBUIN UEIN EBUAASU ; ROURENSU RATSUSERU DAN ; UESUREE UIRINGU JIYOONZU

Inventor(s): COBB GARY SIMPSON NORCROSS GEORGIA 30071 US ; DUNN LAWRENCE RUSSELL FLOWERY BRANCH GEORGIA 30542 US ; EVERS MELVIN WAYNE LAWRENCEVILLE GEORGIA 30245 US ; JONES WESLEY WILLING LAWRENCEVILLE GEORGIA 30244 US

Agent(s): KIRBY EADES GALE BAKER

Designated states: DE FR GB

Title: Combination light source and connector

Abstract: A combination light source and connector includes a housing having a front, a light-tube module and a connector.

The light-tube module includes a body with a cavity, a reflector which is disposed within the cavity, a lamp which is disposed within the cavity, a focusing lens which is disposed within the cavity and optically aligned with the reflector and the lamp. The connector includes a socket which is coupled to the front of the housing and has a threaded bore, a plug which has a bore which receives the optical fiber and is adapted to be coupled to the socket, and a heat sink which has a disc-shaped portion with a bore which receives the optical fiber and a threaded stem portion with a bore which receives the optical fiber. The disc-shaped portion of the heat sink is slidably coupled within the cavity of the body of the light-tube module and disposed adjacent to the socket. The threaded stem portion of the heat-sink is threadedly coupled in the threaded bore of the socket.

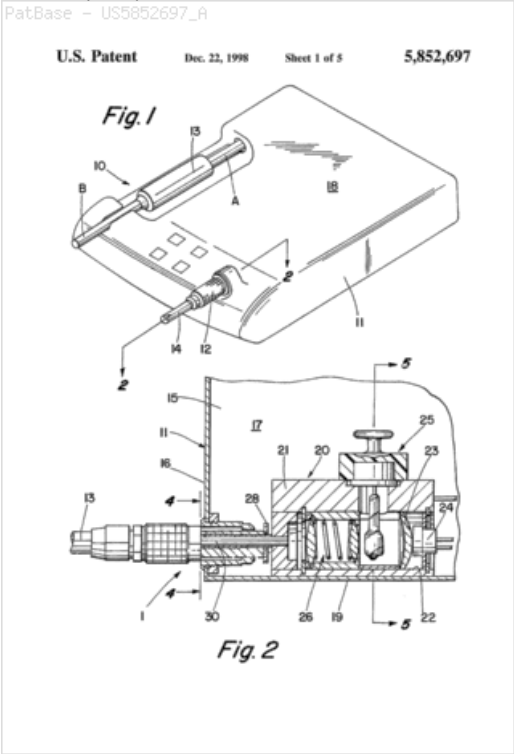
Classifications:

International (IPC 8-9): G02B6/42

International (IPC 1-7): G02B6/36

CPC: G02B6/4298

US: 385/93



Family:

Publication number	Publication date	Application number	Application date
US5852697 A	19981222	US19970778828	19970103

Priority:

US19970778828 19970103

Probable Assignee: SCRIVO LEONARD

Assignee(s): (std) SCRIVO LEONARD ; WILLIAMS RONALD R

Inventor(s): (std) SCRIVO LEONARD ; WILLIAMS RONALD R

7) Family number: 11309435 (US5847759 A)

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Title: COMBINATION ELECTRONIC IRIS AND CONNECTOR FOR USE WITH A LIGHT SOURCE

Abstract: A combination electronic iris and connector for use with a light source, an optical fiber and a CCD, which is optically coupled to the optical fiber, includes a socket, a plug, a heat sink and an electronic iris. The socket has a threaded bore and is mechanically coupled to the light source. The plug is adapted to be coupled to the socket and has a bore for receiving the optical fiber. The heat sink has a disc-shaped portion having a bore for receiving the optical fiber and a threaded stem portion having a bore for receiving the optical fiber. The disc-shaped portion of the heat sink is slidably coupled to the light source and disposed adjacent to the socket. The threaded stem portion of the heat-sink is threadedly coupled in the threaded bore of the socket. The optical fiber is optically coupled to the light source. The electronic iris is disposed within the light source and axially aligned with the optical fiber. The electronic iris is controlled by feedback from the CCD from a feedback circuit.

Classifications:

International (IPC 8-9): A61B1/00 A61B1/04 A61B1/06 A61B1/24

A61B1/247 G02B5/00 H04N5/225 H04N5/235 H04N5/238

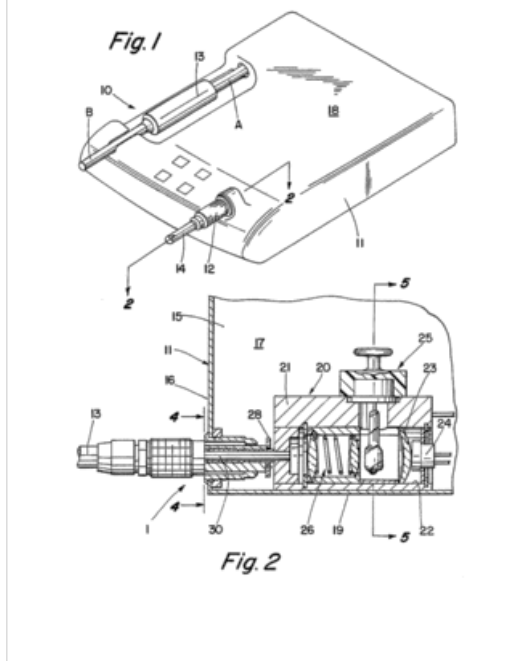
International (IPC 1-7): H04N5/238

CPC: A61B1/00126 A61B1/00188 A61B1/042 A61B1/06 A61B1/0669

A61B1/247 G02B5/005 H04N2005/2255 H04N5/2354 H04N5/238

US: 348/363 348/374 348/66 348/E05.038 348/E05.04 348/E5.038

348/E5.04 348/E50.38 348/E50.4 600/132

**Family:**

Publication number	Publication date	Application number	Application date
US5847759 A	19981208	US19970778827	19970103

Priority:

US19970778827 19970103

Probable Assignee:

SCRIVO LEONARD

Assignee(s):

SCRIVO LEONARD ; WILLIAMS RONALD R

Inventor(s): (std):

SCRIVO LEONARD ; WILLIAMS RONALD R

8) Family number: 30511575 (US6232608 BA)

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Title: OPTIMIZATION SYSTEMS IN A SCANNING FLUOROMETER

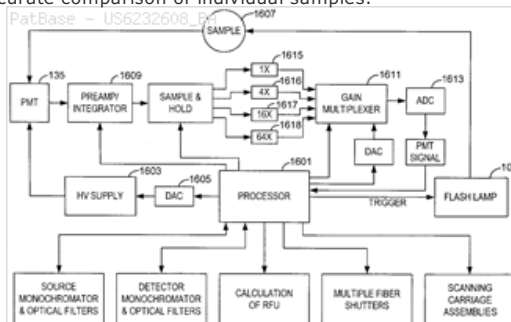
Abstract: A method and apparatus for determining the fluorescence, luminescence, or absorption of a sample is provided. The sample may either be contained within a cuvette or within one or more sample wells within a multi-assay plate. A combination of a broadband source, monochromator, and a series of optical filters are used to tune the excitation wavelength to a predetermined value within a relatively wide wavelength band. A similar configuration is used to tune the detection wavelength. In one aspect, multiple optical filters are coupled to the excitation source subassembly, thus allowing the system to be quickly converted from one optical configuration to another. In another aspect, the excitation light and the detected sample emissions pass to and from an optical head assembly via a pair of optical fibers. In another aspect, an optical scanning head assembly is used that includes mirrored optics for coupling the excitation source to the sample and the emitted light to the detector. In another aspect, time tags are recorded for samples contained within a multi-assay plate to monitor compositional time dependent properties or to ensure the accurate comparison of individual samples.

Classifications:**International (IPC 8-9):** G01N21/64**International (IPC 1-7):** G01N2/100 G01N2/164 G01N21/00

G01N21/64

CPC: G01N2021/6421 G01N2021/6471 G01N21/6452

G01N2021/6419 G01N2021/6484

US: 250/458.1 250/459.1 250/461.1 356/318 422/82.08 436/172**Family:**

Publication number	Publication date	Application number	Application date
DE69942015 D1	20100401	DE19996042015T	19990816
EP0981043 A1	20000223	EP19990116048	19990816
EP0981043 B1	20100217	EP19990116048	19990816
US6316774 BA	20011113	US19990274753	19990323
US6313471 BA	20011106	US19990274791	19990323
US6232608 BA	20010515	US19990274796	19990323
US6236456 BA	20010522	US19990337623	19990621

Priority:

US19980096999P 19980818

US19990274753 19990323

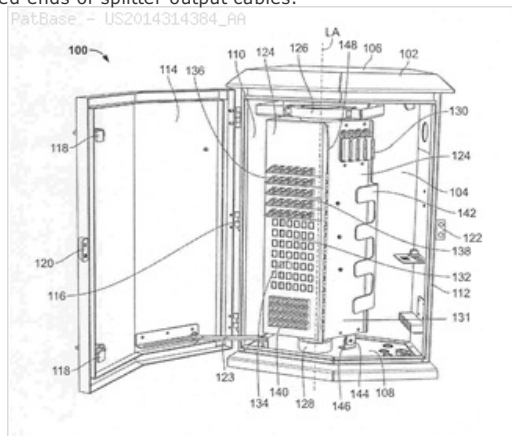
US19990274796 19990323

Probable Assignee: MOLECULAR DEVICES INC**Assignee(s):** (std): MDS ANALYTICAL TECHNOLOGIES US ; MOLECULAR DEVICES CORP**Assignee(s):** MDS ANALYTICAL TECHNOLOGIES (US) INC ; MDS ANALYTICAL TECHNOLOGIES INC ; MDS ANALYTICAL TECHNOLOGIES US INC ; MOLECULAR DEVICES INC**Inventor(s):** (std): GIEBELER ROBERT ; HAFEMAN DEAN ; HUMPHRIES GILLIAN ; KAYE ROGER ; MCNERNEY STEVEN ; OGLE DAVID G ; SMITH THOMAS J**Inventor(s):** DAVID G OGLE ; DEAN HAFEMAN ; GILLIAN HUMPHRIES ; ROBERT GIEBELER ; ROGER KAYE ; STEVEN MCNERNEY ; THOMAS J SMITH**Agent(s):** DAVID G BECK; MANITZ FINSTERWALD AND PARTNER GBR; MCCUTCHEN DOYLE BROWN AND ENERSEN LLP; MCCUTCHEN DOYLE BROWN AND ENERSON LLP**Designated states:** CH DE FR GB LI**9) Family number: 51716772** (US2014314384 AA)

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Title: FIBER DISTRIBUTION HUBS

Abstract: A fiber distribution hub (FDH) can include an enclosure defining an interior region and a frame body having a longitudinal axis. The frame body is rotatably mounted within the interior region of the enclosure such that the frame body can rotate about the longitudinal axis relative to the enclosure. The FDH further includes a plurality of splitters coupled to the frame body. Each splitter module has at least one splitter input and at least two splitter outputs. The FDH also includes a first plurality of adapters coupled to the frame body. The first plurality of adapters is configured to optically couple to splitter output cables. Additionally, the FDH can also include a storage retaining structure coupled to the frame body, the storage retaining structure being configured to selectively secure connectorized ends of splitter output cables.

Classifications:**International (IPC 8-9):** G02B6/00 G02B6/38 G02B6/44**CPC:** G02B6/3897 G02B6/4441 G02B6/4446 G02B6/4452 G02B6/4454**US:** 1/1 385/135**Family:**

Publication number	Publication date	Application number	Application date
EP2671111 A2	20131211	EP20120707958	20120201
EP2671111 B1	20181107	EP20120707958	20120201
US2014314384 AA	20141023	US20120982773	20120201
US9354415 BB	20160531	US20120982773	20120201
US10656357 BB	20200519	US20160151752	20160511
US2016252696 AA	20160901	US20160151752	20160511
US2020278512 AA	20200903	US20200878476	20200519
WO12106447 A2	20120809	WO2012US23509	20120201
WO12106447 A3	20121108	WO2012US23509	20120201

Priority:

US20110438290P 20110201 WO2012US23509 20120201 US20120982773 20120201
 US20130982773 20131015 US20160151752 20160511 US20200878476 20200519

Probable Assignee: OPTERNA AM INC

Assignee(s): (std): ARAKKAKUDY BIJI MATHEW ; ASHWIN P V ; CHANDRAN KIZAKKEKUTTU PARAMESWARAN ; E K KUMAR KIRAN ; K R SURESH NAIR ; KUMAR E K KIRAN ; MOHAMMEDALI BEEVI M ; NAIR K R SURESH ; OPTERNA AM INC ; OPTERNA TECH LIMITED ; OPTERNA TECH LTD ; OPTERNA TECHNOLOGY LTD ; P V ASHWIN ; PUTHUSSERY BINROY J ; REAGAN RANDY ; SARASAN BENOY ; THOMAS MATHEW ANJILIMOOTTIL

Assignee(s): E K ; K R ; OPTERNA TECHNOLOGY LIMITED ; P V

Inventor(s): (std): ARAKKAKUDY BIJI MATHEW ; ASHWIN P V ; CHANDRAN KIZAKKEKUTTU PARAMESWARAN ; CHANDRAN KIZHAKKEKUTTU PARAMESWARAN ; E K KUMAR KIRAN ; K R SURESH NAIR ; KIRAN E K KUMAR ; KUMAR E K KIRAN ; MOHAMMEDALI BEEVI M ; NAIR K R SURESH ; P V ASHWIN ; PUTHUSSERY BINROY J ; REAGAN RANDY ; SARASAN BENOY ; THOMAS MATHEW ANJILIMOOTTIL ; THOMAS MATTHEW ANJILIMOOTTIL

Inventor(s): E K ; K R ; P V

Agent(s): CROSS JAMES PETER ARCHIBALD; KESSLER EDWARD J ET AL; MH2 TECHNOLOGY LAW GROUP LLP; STERNE KESSLER GOLDSTEIN AND FOX PLLC

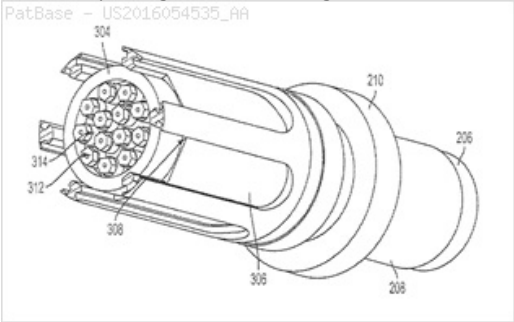
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW 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: HIGH PRESSURE SPLICE HOUSING

Abstract: 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.

Classifications:

International (IPC 8-9): G02B6/00 G02B6/44 G02B6/50
CPC: G02B6/4427 G02B6/4428 G02B6/4446 G02B6/4454
G02B6/4465 G02B6/4471 G02B6/506
US: 1/1 385/135



Family:

Publication number	Publication date	Application number	Application date
BR112015017683 A2	20170711	BR20151117683	20140326
EP2943831 A1	20151118	EP20140773194	20140326
EP2943831 A4	20160824	EP20140773194	20140326
US2016054535 AA	20160225	US20140780010	20140326
US9557512 BB	20170131	US20140780010	20140326
WO14160787 A1	20141002	WO2014US31878	20140326

Priority:

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US20140780010 20140326

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Agent(s): DORITY AND MANNING PA; DRIVER VIRGINIA ROZANNE; PELLEGRINI CARL J ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN 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 IR IS IT JP KE KG KM KN KP KR KZ LA LC LI 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 PA PE PG PH PL PT QA RO RS RU RW SA 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