

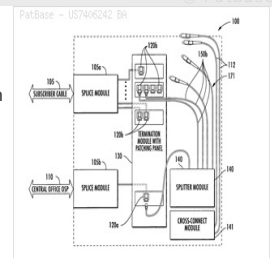
1) Family number: 42049041 (US7406242 BA)

INTERCONNECT ENCLOSURES FOR OPTICAL FIBERS INCLUDING CROSS-CONNECT MODULES AND METHODS FOR USING THE SAME

Abstract: Source: US7406242 BA An interconnect device for optical fibers includes an enclosure. A first termination panel is mounted in the enclosure. The first termination panel has a plurality of optical fiber connection members, ones of which are associated with respective subscriber locations. A second termination panel is mounted in the enclosure that has a plurality of optical fiber connection members, ones of which are associated with respective input optical fibers associated with a service provider. A cross-connect module mounted in the enclosure has a loop of an optical fiber retained therein with a first and opposite second connectorized end of the optical fiber extending from the cross-connect module. The first and second connectorized ends of the optical fiber extend to a length sufficient to allow cross-connection of a selected pair of the connection members of the termination panels by connection of the connectorized ends thereto.

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Earliest Publication Date: 20080729



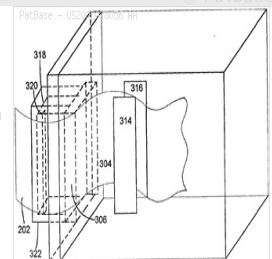
2) Family number: 30113969 (US2002028056 AA)

APPARATUS AND METHOD TO VERTICALLY ROUTE AND CONNECT MULTIPLE OPTICAL FIBERS

Abstract: Source: US2002028056 AA An apparatus and method to vertically route and physically pass multiple optical fibers through the walls of a package. One variation is a method to route an optical fiber ribbon through a wall of a package by routing and securing the width of the optical fiber ribbon perpendicularly to a component within the package. Another variation involves a package having an enclosure with an opening through which a group of optical fibers are arrayed in a rectangular cross-section with a width which is longer than a thickness. The package includes a component inside the enclosure, a group of optical fibers routed through the opening to the component where the width of the rectangular cross-section is perpendicularly oriented to the base of the enclosure, and a clamp to secure the width of the rectangular cross-section of the group of optical fibers perpendicularly to the base of the enclosure.

Probable Assignee: NEOPHOTONICS CORP

Earliest Publication Date: 20020307



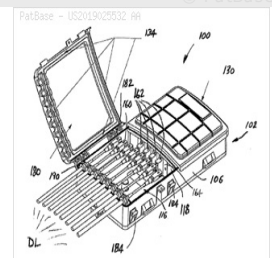
3) Family number: 72072983 (US2019025532 AA)

FIBER OPTICAL TERMINAL CROSS CONNECT CLOSURE

Abstract: Source: US2019025532 AA A connector closure for fiber optical cables includes a base portion having first and second compartments. One of the first and second compartments is designed to have a cover or door that allow selective access, while the other compartment signed for only authorized access. The connector closure features universal mounting arrangements, e.g., aerial, surface/wall, pedestal, or vault arrangements. Further, the closure may incorporate a splice enclosure.

Probable Assignee: KAPLAN STEVEN E

Earliest Publication Date: 20181122



Probable Assignee: PANDUIT CORP

Earliest Publication Date: 20200520



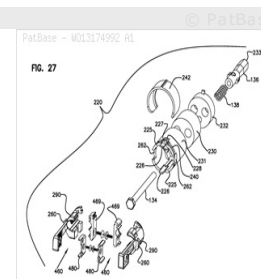
6) Family number: 55204190 (WO13174992 A1)

CABLE PORT ASSEMBLIES FOR TELECOMMUNICATIONS ENCLOSURE

Abstract: Source: WO13174992 A1 Optical fiber cables (180) are installed at an enclosure defining at least one cable port (109) by loading a seal block assembly (120, 140, 220, 340, 600, 700) onto each optical fiber cable (180); installing and/or connecting a fixation assembly (160, 460) onto each optical fiber cable (180); and latching the seal block assembly (120, 140, 220, 340) to the enclosure. The cable (180) is secured by the fixation assembly (160, 460). The fixation assembly (160, 460) retains one or more types of strength members (182, 183) of the optical fiber cable (180). The seal block assembly (120, 140, 220, 340) snaps and/or clips into a locked position relative to the enclosure. A filler rod (502) can be used to fill an unused port in the seal block assembly (120, 140, 220, 340). An attachment device (504) can be used to connect to the filler rod (502) for adding a new tube (510) to the seal block assembly.

Probable Assignee: COMMSCOPE CONNECTIVITY BELGIUM BVBA

Earliest Publication Date: 20131128



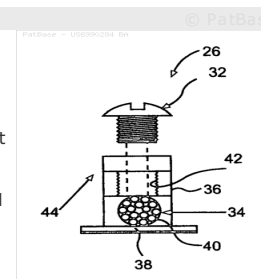
7) Family number: 32570840 (US6990284 BA)

FIBER DISTRIBUTION FRAME HAVING OPTICAL SECURITY AND PROTECTION FEATURES

Abstract: Source: US6990284 BA A fiber distribution frame includes a housing and a door which opens and closes with respect to an exposed face of the housing to provide and restrict access to optic components within the housing. The frame further includes a door locking device having a door latch mounted to the door, a strapping post mounted to a side surface of the housing, and a cable connected at a first end to the strapping post. The door latch has a fastener receptacle and a cable conduit which adjoin one another such that a fastener received by the receptacle holds the cable in the conduit when the conduit receives a second end of the cable and the door is closed thereby locking the door to the housing. A diffuser component is attached to the inner surface of the door to absorb optical radiation from the optic components when the door is closed.

Probable Assignee: SBC KNOWLEDGE VENTURES LP

Earliest Publication Date: 20060124



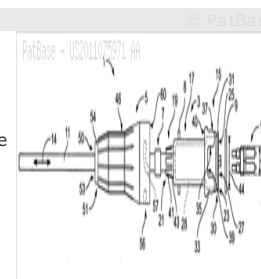
8) Family number: 48517058 (US2011075971 AA)

SEALING ENCLOSURES FOR A CONNECTOR ON A CABLE, SUCH AS A STANDARDIZED FIBER-OPTIC CONNECTOR

Abstract: Source: US2011075971 AA The invention relates to a sealing enclosure and a sealing assembly comprising the sealing enclosure and a mating enclosure as well as a method to connect both. The sealing enclosure loosely receives a connector within a connector volume so that the connector, which may be of a standard type used in electronic or optic data transmission, may be displaced within a plug face at the forward end of the connector volume. Thus, the connector may compensate variations in the position of a mating connector with respect to the mating enclosure. Moreover, the sealing enclosure allows to seal off the connector volume and engage the sealing enclosure with a mating enclosure in a single motion. This is affected by having a cable seal interposed between an inner body and an outer body. If the outer body is moved forward to engage the mating connector, the cable seal is squeezed between the cable and the inner body sealing off the connector volume at the rearward end of the inner body.

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Earliest Publication Date: 20110330



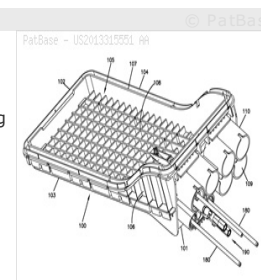
9) Family number: 55200117 (US2013315551 AA)

FILLER ROD FOR CABLE SEAL AND METHOD

Abstract: Source: US2013315551 AA Optical fiber cables (180) are installed at an enclosure defining at least one cable port (109) by loading a seal block assembly (120, 140, 220, 340) onto each optical fiber cable (180); installing and/or connecting a fixation assembly (160, 460) onto each optical fiber cable (180); and latching the seal block assembly (120, 140, 220, 340) to the enclosure. The cable (180) is secured by the fixation assembly (160, 460). The fixation assembly (160, 460) retains one or more types of strength members (182, 183) of the optical fiber cable (180). The seal block assembly (120, 140, 220, 340) snaps and/or clips into a locked position relative to the enclosure. A filler rod (502) can be used to fill an unused port in the seal block assembly (120, 140, 220, 340). An attachment device (504) can be used to connect to the filler rod (502) for adding a new tube (510) to the seal block assembly.

Probable Assignee: TYCO ELECTRONICS RAYCHEM BVBA

Earliest Publication Date: 20131128



10) Family number: 75836387 (US201927725 AA)

FIBER-OPTIC INTERCONNECTION STABILIZATION APPARATUS

Abstract: Source: US2019277725 AA A fiber-optic interconnection stabilization apparatus for a measurement system is provided. The apparatus may comprise a main body comprising an enclosure and two openings. The enclosure may encase a fiber-optic cable within the main body in an organized manner. The two openings may fit connecting ends of the fiber-optic cable such that the connecting ends of may be exposed in order to connect two modular components of a measurement system and form a closed measurement loop. The main body, when in a closed configuration, may stabilize the fiber-optic cable encased within from external conditions, such as mechanical, thermal, or other environmental conditions that may affect measurements.

Probable Assignee: VIAVI SOLUTIONS INC

Earliest Publication Date: 20190912



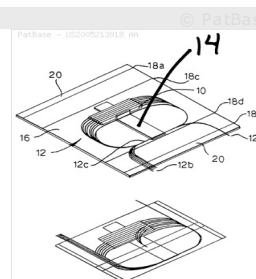
11) Family number: 30063122 (US2005213918 AA)

ENVELOPE FOR OPTICAL FIBRES

Abstract: Source: US2005213918 AA Enclosure and method for sealingly enclosing a space into and/or from which at least one optical fibre is fed to connect to at least one optical component, by providing a flexible protective sheet of substantially moisture resistant material having a pair of sealing strips; and folding and sealing the sheet around the optical component to provide an envelope enclosing the component with the optical fibre(s) sealed between the sealing strips. The invention also concerns an enclosure into and/or from which the optical fibres pass through an aperture which is sealed by all adherent patch or flap with the fibres sealed between the exterior surface of the enclosure and an overlying portion of the patch or flap.

Probable Assignee: TYCO ELECTRONICS RAYCHEM NV

Earliest Publication Date: 20031127



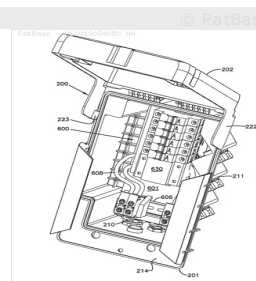
12) Family number: 53424734 (US2013084050 AA)

AGGREGATION ENCLOSURE FOR ELEVATED, OUTDOOR LOCATIONS

Abstract: Source: US2013084050 AA Certain types of aggregation enclosures include cable input ports and downwardly angled cable output ports. A cover is pivotally coupled to the body so that the cover moves between an open position and a closed position. A modular component panel may be disposed within the enclosure. The component panel includes one or more distribution components (e.g., fiber distribution components or power distribution components) configured to connect at least a portion of an incoming cable to at least a portion of an outgoing cable.

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Earliest Publication Date: 20130404



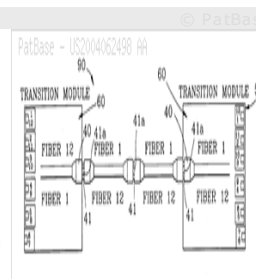
13) Family number: 30426547 (US2004062498 AA)

OPTICAL POLARITY MODULES AND SYSTEMS

Abstract: Source: US2004062498 AA An optical interconnection module having: an enclosure defining walls and a cavity within the walls for receiving and supporting optical fibers and connectors; an optical interconnection section formed in a wall of the module, the optical interconnection section having a multi-fiber connector with multiple optical paths formed therein, the optical paths being arranged in a generally planar array with the paths being immediately adjacent to at least one other optical path for optical alignment with optical fibers in an optical fiber ribbon; an optical connector station formed in a wall of the module having a plurality of optical fiber connectors; the optical paths and the optical connectors being optically interconnected by optical fibers disposed in the cavity, fiber pairs being formed by the optical fibers, at least one of the fiber pairs being routed to a respective connector station that is in optical communication with the optical paths. In addition, an optical assembly, having: at least two optical interconnection modules; the modules being optically interconnected by optical paths, the optical paths being established through connectors and adapters having respective keys being positioned in the same place on the connectors, and optical fiber ribbons; the connectors and adapters being mated with keys in the same relative position; and polarity of the optical fibers located externally of the modules is not reversed.

Probable Assignee: CORNING INC

Earliest Publication Date: 20040401



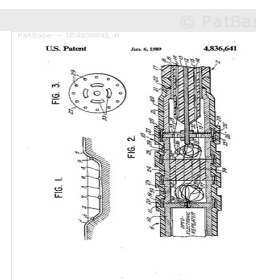
14) Family number: 3019445 (US4836641 A)

SUBMARINE OPTICAL FIBER LINE WITH INTERCONNECTED DIFFERENT CABLE TYPES

Abstract: Source: US4836641 A A submarine, optical fiber telecommunication line having optical fiber cables with external armor interconnected with optical fiber cables with only internal armor by opto-electronic repeaters and tubular bodies. The repeaters, the tubular bodies and the cables can withstand the tensile and hydrostatic stresses to which they are subjected during laying and after laying. At the shore ends, the repeaters are mechanically connected at one of their ends to cables with external armor. The other ends of the repeaters are mechanically connected to the tubular bodies which are mechanically connected to the sheaths and the internal armor of cables with only internal armor. The tubular body has an internal partition to which the internal armor is mechanically connected and has an internal sealing plug for preventing axial flow of water.

Probable Assignee: SOCIETA CAVI PIRELLI SPA

Earliest Publication Date: 19890127



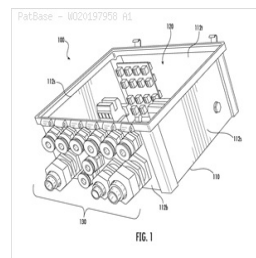
15) Family number: 81240017 (WO20197958 A1)

FIBER ENCLOSURE FOR REMOTE RADIO UNITS

Abstract: Source: WO20197958 A1 The present disclosure describes a fiber enclosure. The fiber enclosure may include a body having a plurality of walls defining an interior cavity, a cover pivotally coupled to the body to move between an opened position and a closed position, a plurality of cable glands located on one of the walls, the plurality of cable glands defining at least one input port and at least one output port, an optical component panel residing within the interior cavity of the body, the optical component panel including at least one optical component arrangement configured to connect an incoming cable and an outgoing cable, the optical component panel slidably coupled to a frame such that the optical component panel is moveable between an unengaged position and an engaged position; and an electrical component panel residing within the interior cavity of the body.

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Earliest Publication Date: 20201001



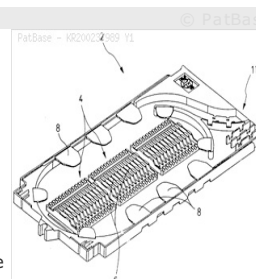
16) Family number: 67003887 (KR200237989 Y1)

FIBER-OPTIC CABLE SPLICE TRAY OF CONNECT CASE

Abstract: Source: KR200237989 Y1 This devise is connected to the scoping relates to protective support plate connection of the optical fiber is connected to protect the core wire portion may by making the earth and the shims, etc.) soft, regardless of the type of the optical cable to accept a single protection provided by the support plate, and it is possible to reduce the construction cost and also is connected to an external impact can be used for a long period of time without concerned about the damage to the earth so that there is a purpose. The present invention is embedded in a conventional connection inside the housing at one side of the inlet portion 11 through the wound to the inside of the fiber optic cable to 13th, with a space that can be arranged in a plurality at equal intervals (6) is connected to the removable piece holder (4) consisting of a support plate (2), wherein the connection cable protection holder (4) it is possible to configure the soft rubber material and can be used to selectively fitted into core fiber so as (12)(12'). Thus, soft rubber material is formed on the earth in the removable piece (6) to (4) 24 may be reduced from the core of the core interconnector and the interconnector can accommodate all together to increase the density of the protective support plate can be reduced according to the size of the enclosure installation is simple and easy to use, and also the work efficiency and the construction cost is reduced. In addition, because it is connected to the holder (4) is provided with a soft, even if external pressure is applied to protect the connected portion in the shock mitigation and also it can be used a long period of time without the risk of damage.

Probable Assignee: AJ WORLD CO LTD

Earliest Publication Date: 20010928



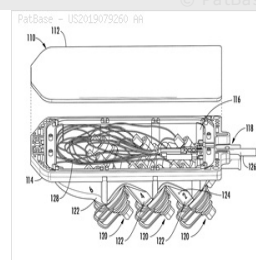
17) Family number: 67662442 (US2019079260 AA)

FIBER OPTIC MULTIPORT HAVING DIFFERENT TYPES OF PORTS FOR MULTI-USE

Abstract: Source: US2019079260 AA A fiber optic multiport having a housing with an enclosure defining an interior of the housing is disclosed. A plurality of ports is coupled to the housing, and includes at least one input port and a plurality of output ports. A plurality of fiber optic adapters is positioned in respective ones of the plurality of ports. The fiber optic adapters are configured to receive and connect optical fibers at an interior and an exterior connection side. A plurality of optical fibers is disposed within the interior of the housing. Each of the plurality of optical fibers is routed to at least one of the fiber optic adapters at the interior connection side. Port connection indicia visibly discernible from the exterior of the multiport are indicative of a connection type accessible via the respective one of the plurality of output ports.

Probable Assignee: CORNING INC

Earliest Publication Date: 20171130



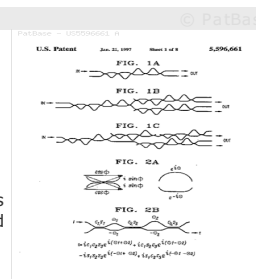
18) Family number: 11345364 (US5596661 A)

MONOLITHIC OPTICAL WAVEGUIDE FILTERS BASED ON FOURIER EXPANSION

Abstract: Source: US5596661 A In accordance with the invention, a new type of monolithic optical waveguide filter comprises a chain of optical couplers of different effective lengths linked by differential delays of different lengths. The transfer of the chain of couplers and delays is the sum of contributions from all possible optical paths, each contribution forming a term in a Fourier series whose sum forms the optical output. A desired frequency response is obtained by optimizing the lengths of the couplers and the delay paths so that the Fourier series best approximates the desired response. The filter is advantageously optimized so that it is insensitive to uncontrolled fabrication errors and is short in length. The wavelength dependence of practical waveguide properties is advantageously incorporated in the optimization. Consequently, the filter is highly manufacturable by mass production. Such filters have been shown to meet the requirements for separating the 1.3 and 1.551 μm telecommunications channels and for flattening the gain of Er amplifiers.

Probable Assignee: LUCENT TECHNOLOGIES INC

Earliest Publication Date: 19960629



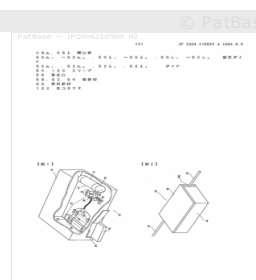
19) Family number: 30929180 (JP2004216569 A2)

EXPOSING RECORDING DEVICE

Abstract: Source: JP2004216569 A2 PROBLEM TO BE SOLVED: To safely, surely and easily carry out the connecting work of fiber optic cables in an exposing recording device which uses fusion connection or mechanical splice connection to connect the fiber optic cables at the time of replacing a laser diode. SOLUTION: An image recording device 10 has a light source 12 and an enclosure 18. The light source 12 includes a plurality of laser diodes 20, a plurality of fiber optic cables coupled one to one to these laser diodes and having fiber optic cables 24 and fiber optic cables 26 connected to each other, and a beam emission part 30 guided by the plurality of fiber optic cables to emit a plurality of laser lights. An enclosure 18 covers the light source 12, and has a take-out opening 56 for taking at least one of the laser diodes 20 and the fiber optic cable coupled to the laser diode to the outside. A plate member 58 to be a working platform or the like for the replacement of the taken-out laser diode and fiber optic cable is set in the vicinity of the take-out opening 56.

Probable Assignee: FUJI PHOTO FILM CO LTD

Earliest Publication Date: 20040805



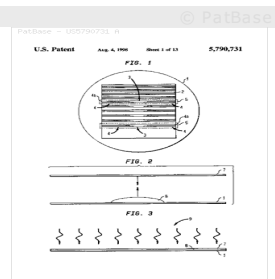
20) Family number: 11066444 (US5790731 A)

OPTICAL FIBER ARRAY/OPTICAL INTEGRATED CIRCUIT INTERCONNECTION ASSEMBLY AND ENCLOSURES FOR PROTECTING THE INTERCONNECTION ASSEMBLY

Abstract: Source: US5790731 A The invention includes an interconnection assembly for coupling optical fibers to respective optical waveguides of an optical integrated circuit (OIC). The interconnection assembly includes an OIC assembly preferably formed by adhering a protective plate to a substrate on which the OIC and its optical waveguides are integrated. In one end of the OIC assembly, ends of the optical waveguides are exposed. Importantly, the protective plate and the substrate have substantially similar thermal coefficients of expansion to reduce or eliminate stresses or strains on the adhesive when the interconnection assembly is subjected to temperature and/or humidity conditions that are different from those under which the interconnection assembly was formed. The interconnection assembly also includes an optical fiber array that houses end portions of the optical fibers. The optical fiber array includes first and second parts between which are situated the end portions of the optical fibers in a spaced, parallel relationship corresponding to the spacing of the ends of the optical waveguides of the OIC assembly. The first and second parts have substantially similar thermal coefficients of expansion to reduce or eliminate stresses or strains on the adhesive layer holding the first and second parts together. The OIC assembly is joined to the optical fiber array with an adhesive so that the optical fibers are aligned with the optical waveguides of the OIC assembly. The invention also includes enclosures for housing and protecting the interconnection assembly.

Probable Assignee: AT AND T IPM CORP

Earliest Publication Date: 19961016



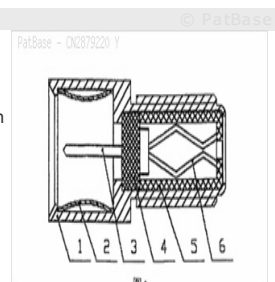
21) Family number: 34348858 (CN2879220 Y)

RF TRANSFERRING DEVICE IN INFORMATIZATION OPTICAL FIBER TRANSMISSION SYSTEM

Abstract: Source: CN2879220 Y The utility model relates to a radiofrequency transfer device for information-based fiber transmission system. Specifically, the device connects reliably with the cable head without dismantlement when changing module, and is convenient to connect or disconnect it with the F seat of the module. The device adopts a spring loop that is blocked within the copper enclosure. A gold-plated needle connects with a spring sheet and a medium crosses the needle and the medium sleeves of the spring sheet. One end of the gold-plated needle touches the medium and the other end balances out the copper enclosure. The utility model, compact, simple and proper in structure, can be tightly jointed with the cable head without disassembling when performing replacement of module, conveniently connected and disconnected with F seat, and reliably grounded, which guarantees easy hot-swap of modules.

Probable Assignee: WUXI LEIHUA NETWORK TECHNOLOGY

Earliest Publication Date: 20070314



22) Family number: 45683301 (TW110967 B)

DOUBLE FIBEROPTIC CONNECTOR (MACHINE TRANSLATION)

Abstract: Source: TW110967 B And (Claim 1) 0.1 kind of terminal second the optical fibers optical cable may and in addition; A coupling links the double fiberoptic connector, this pair of optical fiber; The coupling contains an outer covering, this outer covering includes first and; The second match part, an optical cable input end and insert; Fills the end, and uses for to connect various optical fibers to put in this outer covering it; Plug of organization this plug end, each this plug organization contains; Of an optical fiber and from this outer covering it connection and terminal optical cables; This plug end highlights the plug; Characteristic of the this coupling is lies in: ; Puts in this optical cable to enter the input terminal to supply the optical fiber through to stretch out; By will execute strength of shifting pulling force of shifting in optical cable to outer covering; The organization, this plug organization is distanced with this strength shifting organization pre-; Decides the distance; And; May go and return the relative this outer covering migration to protect this plug; Highlights the end part protection agency from this outer covering, when; When two couplings must link mutually, the protection agency retracts by; Reveals this plug and allowed it is operated connects to another one; Plug of the coupling.

Earliest Publication Date: 19980401

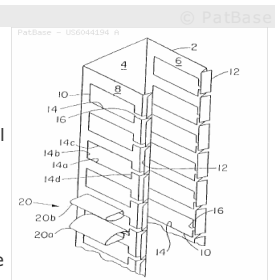
23) Family number: 12162500 (US6044194 A)

FIBER OPTIC CABLE BEND RADIUS CONTROL

Abstract: Source: US6044194 A A cable bend radius control attachment is used in combination with a cable-routing, vertical, slotted channel member defined by walls and including a plurality of longitudinally spaced cable slots. The cable slots are adapted for receiving and distributing optical fiber cable into and out of the vertical channel member. The attachment includes a generally U-shaped flange having an inner edge portion secured to a mouth of the cable slot and an opposing outer edge portion spaced from the mouth of the cable slot. The flange has a generally convex, arcuate surface between its inner and outer edge portions for extending outwardly from the channel member at a mouth of the cable slot. The flange defines a predetermined minimum bend radius for cable entering or exiting the channel member through the cable slot. The flange includes a base and opposing resilient sides integrally-formed with the base. The opposing sides are flexible inwardly to insert the inner edge portion of the flange into the mouth of the cable slot, and recovering to hold the flange in position at the mouth of the cable slot.

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

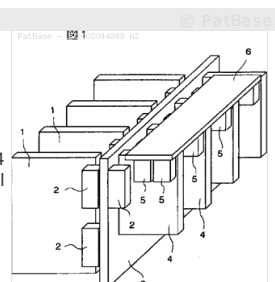
Earliest Publication Date: 19980924



24) Family number: 23238603 (JP2002044849 A2)

ELECTRICAL AND OPTICAL ASSEMBLY ENCLOSURE

Abstract: Source: JP2002044849 A2 PROBLEM TO BE SOLVED: To provide an electrical and optical assembly enclosure which can enable high speed and large capacity optical signal processing and shorten optical fiber splicing time reducing damages on the optical fibers. SOLUTION: Plural electric circuits 1 and optical circuits 4 are arranged apart from each other respectively on both sides on a backboard 3. Those electric circuits 1 and the optical circuits 4 are attached in pairs in the same slot on the backboard 3. An optical transmission line 6 is laid crossing plural optical circuits 4 with an electric connectors 2 transmitting electric signals between the optical circuits 4 and the electric circuits 1 together with an optical connectors 2 to connect the optical circuits 4 and the optical transmission lines 4. Since the optical circuits and the electric circuits are separately mounted in two sections making it easy to handle when manufacturing, it is possible to obtain electric functions easy to control and high speed large capacity information transmission.



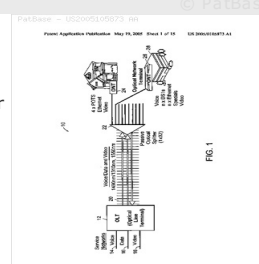
Probable Assignee: HITACHI LTD

Earliest Publication Date: 20020208

25) Family number: 31922633 (US2005105873 AA)

SYSTEMS AND METHODS FOR MANAGING OPTICAL FIBERS AND COMPONENTS WITHIN AN ENCLOSURE IN AN OPTICAL COMMUNICATIONS NETWORKS

Abstract: Source: US2005105873 AA The preferred embodiments of the present invention include an optical splitter module having connectorized pigtails that are stored on the bulkhead faceplate of the module. The module includes an optical splitter output harness, for example, a ribbon cable assembly attached to the bulkhead with rugged strain relief mechanism. The ribbon harness is converted to individual pigtails with connectors which are stored on adapter receptacles on the faceplate. Adapter receptacles used may optionally be half receptacles when storage is the only desired function or may be full receptacles when access to the pigtail ferrule tip is required. Access to the ferrule tip may be required for attaching fiber optic terminators to eliminate undesirable reflections caused by unterminated connectors. The module provides an administrative location for splitter outputs prior to being connected individually into service. The module also provides an administrative storage location for splitter outputs taken out of service as a temporary staging area before being reassigned and connected individually into service again.



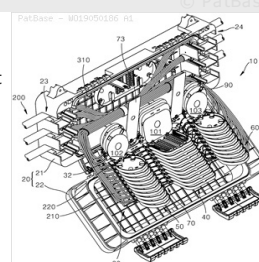
Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Earliest Publication Date: 20050519

26) Family number: 73506483 (WO19050186 A1)

STACK-TYPE STORAGE COMPARTMENT FOR OPTICAL FIBER

Abstract: Source: WO19050186 A1 A stack-type storage compartment for an optical fiber, according to the present invention, comprises: an enclosure including a body part, which has an accommodating space and has an open upper part, and an opening and closing cover, which is rotatably coupled to the body part so as to open and close the open upper part of the body part; and optical connection tube storage trays, which are rotatably and respectively provided on support plates hinge-coupled to the body part and are for connecting optical fibers, and first and second extra storage trays, which are rotatably provided, so as to be parallel to optical connection tube storage trays, on both sides of the optical connection tube storage trays.



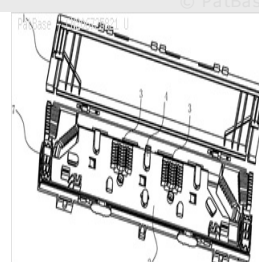
Probable Assignee: IM CHAE HYEON

Earliest Publication Date: 20190314

27) Family number: 67777965 (CN206725821 U)

INDIVIDUAL LAYER FIBER CABLE JOINT BOX

Abstract: Source: CN206725821 U The utility model relates to an individual layer fiber cable joint box, including upper cover and lower cover, lower cover and upper cover are used for holding optical cable in enclosure space wherein, its characterized in that its inside common injecting: still inserting the hole and inserting the hole with the copper cable or have at least a set of optical cable and connect that portal and the copper cable meets the protection piece who portals including having at least a set of optical cable, each optical cable inserts hole and copper cable access hole site in the juncture of the outward flange of upper cover and lower cover to a passageway is compared with prior art that the optical cable gets into and steel cable entering fiber cable joint box is provided the utility model has the advantages of can provide simultaneously and wear out after optical cable and steel cable get into the fiber cable joint box, can not only protect the optical cable that gets into the fiber cable joint box like this, the operation can also be hung aloft with whole fiber cable joint box to the while, has simple structure, characteristics that the protectiveness is strong.



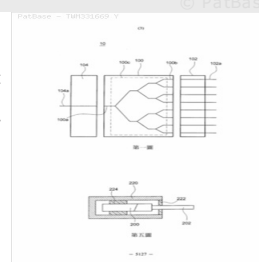
Probable Assignee: NINGBO LONGXING TELECOMMUNICATIONS EQUIPMENT MFG CO LTD

Earliest Publication Date: 20171208

28) Family number: 42710326 (TWM331669 Y)

PLANAR OPTICAL WAVE GUIDE COMPONENT AND THE DEVICE THEREOF

Abstract: Source: TWM331669 Y One kind of plane light wave-guide component and the equipment, this equipment contains a plane light wave guide chip, more than a core optical fiber array connection one side of surface in on this plane light wave guide chip, and a seal outer covering holds this plane light wave guide chip and causes a this multi-core optical fiber array end to reveal. This plane light wave guide chip contains a input light wave guide, the most output light wave guide and connects this input light wave guide and this most output light wave guides of a light difference, also this input light wave guide and this most output light wave guide are the position in this plane light wave guide chip on the identical side. Therefore may reduce the coupling system regulation, and reduces the seal aperture material cost.



Probable Assignee: EMIT TECHNOLOGY CO LTD

Earliest Publication Date: 20080501

29) Family number: 51365276 (RU116248 U1)

SWITCHGEAR FOR OPTICAL CABLE (MACHINE TRANSLATION)

Abstract: Source: RU116248 U1 1. Switchgear for optical cables, characterized in that it comprises a body from the back, side, top and bottom walls, the cover, the walls of the casing are made of at least two entries below them in the disposable fiber optic cables in the chassis between the rear wall and the lid is hinged swivel shelf, shelves on one side facing the back wall of the housing in the position of the shelf are the means for fixing the optical fiber splices, and on the side of the shelf facing the cabinet lid in the position of the shelves is a panel having means for attachment adapters to connect it to the optical connectors, with the openings in the shelf are made to pass through the optical fibers are on one side of the shelf on its other side.! Two. The device of claim 1, characterized in that the hinged swivel shelf is removable.! Three. The device of claim 1, characterized in that at least one of said side shelf holds a means for attaching at least one optical coupler.

Earliest Publication Date: 20120520