Identifiable optical cable patent

Overview

patent number 8,150,227 [Application Number 13/035,733] was granted by the patent office on 2012-04-03 for electrically traceable and identifiable fiber optic cables and connectors. This patent grant is currently assigned to Telescent Inc. Invention is credited to Anhony. optical fiber cablehas been widely used in communication networks, telecommunications, power and other fields due to its advantages such as small size, light weight, anti-electromagnetic interference, low loss, large transmission capacity, long transmission distance and low cost. Each optical unit comprises a plurality of optical fibers. Among all of the optical fibers contained in each optical unit, one optical fiber is a main identification optical fiber, and the. (57) The present invention relates to an optical unit including a tubular member, which accommodates a plurality of optical fibers and whose shape is variable to achieve an optimal space factor, to minimizes optical loss or the deterioration of optical properties when the optical cable is bent or. The present invention generally relates to an optical cable comprising optical fibers identifiable by coloring, to an optical fiber identifiable by coloring, to a method for identifying an optical fiber and to the manufacturing of optical cables comprising identifiable optical fibers.

Article Content

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The application relates to an identifiable optical cable, which comprises a plurality of optical units, wherein each optical unit comprises a plurality of optical fibers, one of all the optical fibers contained

U.S. Patent Application for FIBER OPTIC CABLE Patent Application ...

Therefore, there has been a demand for an optical fiber cable in which LPG is applied over the entire length and which enables a good operation of taking out optical fibers.

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Definitions the present inventiongenerally relates to an optical cable comprising optical fibers identifiable by coloring, to an optical fiber identifiable by coloring, to a method for identifying an optical fiber and

OPTICAL CABLE

To build a large-capacity optical communication network, an optical cable may include a plurality of optical units in a cable jacket, and each of the optical units includes a tubular

U.S. Patent Application for Electrically Traceable and Identifiable ...

This application is based on provisional patent application 60/927,773 filed on May 4, 2007 and entitled “Electrically Traceable Fiber Optic Cables”, and is a divisional of U.S. patent application Ser. No.

OPTICAL CABLE WITH IDENTIFIABLE Publication Classification OPTICAL

Patent Application Publication May 23, 2013 Sheet 2 of 2 US 2013/O125924 A1 11O 3O1 US 2013/O125924 A1 OPTICAL CABLE WITH IDENTIFIABLE OPTICAL FIBERS BACKGROUND OF

US6901191B2

The fiber optic cable may exclude a grease or a grease-like composition being in contact with the at least one bundle for filling interstices of the cable thereby blocking water from flowing through the

Electrically traceable and identifiable fiber optic cables and ...

U.S. patent number 8,150,227 [Application Number 13/035,733] was granted by the patent office on 2012-04-03 for electrically traceable and identifiable fiber optic cables and connectors. This patent

US Patent Application for OPTICAL CABLE WITH IDENTIFIABLE OPTICAL ...

The present invention generally relates to an optical cable comprising optical fibers identifiable by coloring, to an optical fiber identifiable by coloring, to a method for identifying an optical fiber and to

CA2190815A1

Description Cable Containing Easily Ide~ ial~le Optical Ribbons Background of the Invention This invention relates to optical fiber telecommunication cables containing optical fiber ribbons.

FIBER OPTIC CABLE

An aspect of the present disclosure relates to a fiberoptic cable having an optical fiber, a strength layer surrounding the optical fiber, and an outer jacket surrounding the strength layer.

Identifiable visible light sources for fiber optic cables

The fiber tester 199 can selectively apply, one at a time, at least two identifiable visible light sources among the plurality of identifiable visible light sources to a fiber optic cable strand to remotely test a

US20120219259A1

Traceable fiber optic cables of various types are disclosed, including simplex, duplex and ribbon cables. Systems of traceable cables utilizing connectors with integrated electrical antenna elements attached

US20130125924A1

The presence of the additional removable colored layer improves identifiability of the fiber, especially when the latter is included in an optical cable together with other fibers.

OPTICAL FIBER CABLE

The present invention relates to a cable formed from wound optical fiber. The cable is particularly useful for optical fiber sensing purposes, for example with a distributed acoustic sensor

Electrically Traceable and Identifiable Fiber Optic Cables and

Traceable fiber optic cables of various types are disclosed, including simplex, duplex and ribbon cables. Systems of traceable cables utilizing connectors with integrated electrical antenna elements attached

Electrically Traceable and Identifiable Fiber Optic Cables and ...

Patent application title: Electrically Traceable and Identifiable Fiber Optic Cables and Connectors Inventors: Anthony Kewitsch (Santa Monica, CA, US) Anthony Kewitsch (Santa Monica, CA, US)

US8150227B2

Traceable fiber optic cables of various types are disclosed, including simplex, duplex and ribbon cables. Systems of traceable cables utilizing connectors with integrated electrical antenna elements attached

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the present disclosuredescribes, among other things, illustrative embodiments of a plurality of identifiable visible light sources used for troubleshooting fiber optics. Other embodiments are contemplated by

WO/2024/250671 IDENTIFIABLE OPTICAL CABLE

The present application relates to an identifiable optical cable, comprising a plurality of optical units. Each optical unit comprises a plurality of optical fibers.

Electrically Traceable and Identifiable Fiber Optic Cables and ...

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OPTICAL CABLE WITH IDENTIFIABLE OPTICAL FIBERS

A method for identifying an optical fiber in an optical cable, comprising: providing at least two optical fibers comprising an optically transmissive element, at least one curable colored layer surrounding

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