

Title (en)
CABLE FLUID INJECTION SLEEVE

Title (de)
MUFFE ZUM EINSPRITZEN EINES FLUIDUMS IN EIN KABEL

Title (fr)
MANCHON D'INJECTION DE FLUIDE DANS DES CABLES

Publication
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Application
EP 99925880 A 19990526

Priority
• US 9911637 W 19990526
• US 8538598 A 19980527

Abstract (en)
[origin: WO9962156A1] The cable connector (2) of the present invention includes an interior connector and an injection fitting. The interior connector includes an elongate hollow electrically conductive conduit (2) having open ends (6, 7) adapted to receive the interior ends of the two sections of electrical cable. The interior connector also includes a fastener for securing the interior ends of the two sections of electrical cable in the open ends (6, 7) of the elongate hollow electrical conduit (2). Another component of the interior connector is a stress control tubing that is adapted to cover the elongate hollow electrically conductive conduit. An insulation sleeve (152) covers the stress control tubing (150). Compression rings (148) located on the insulation sleeve adjacent each of the open ends of the elongate hollow electrically conductive conduit (2). The interior connector also includes a metal wrap adapted to cover the insulation sleeve and the compression rings. An outer sheath (146) is adapted to cover the metal wrap to complete the assembly of the interior connector. The injection fitting includes a cable adaptor that is attachable to the outer surface of the electrical cable section (120) at a position remote from the exterior end of the electrical cable section to leave exposed a portion of the outer surface of the electrical cable section adjacent the exterior end thereof. The injection fitting also includes a sleeve (192) having a first end, second end and a fluid injection opening. The first end of the sleeve (192) is adapted to fit over the exposed portion of the outer surface of the electrical cable section adjacent the exterior end thereof. The second end is adapted to fit over a conductor contact attached to the central conductor portion of the electrical cable section.

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Citation (search report)
See references of WO 9962156A1

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