

Title (en)

Flexible medium voltage interconnection and method to obtain same

Title (de)

Flexible Verbindung für Mittelspannung und Verfahren zur deren Herstellung

Title (fr)

Interconnexion flexible pour moyenne tension et son procédé de fabrication

Publication

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Application

EP 01400775 A 20010326

Priority

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- EP 00401045 A 20000413

Abstract (en)

[origin: EP1146601A2] A flexible medium voltage interconnection adapted to electrically interconnect receiving connectors of "bushings" of equipment stations. The interconnection comprises a conductive core (1) including a metal conductor (2) with, at each end thereof, an electrical connector (3, 4) adapted to mate the receiving connector of the bushing, and a flexible tube (11) having at least an insulating layer (13) of elastomeric material and covering the whole conductive core. The elastomeric material of the tube is preferably a synthetic terpolymer of ethylene, propylene and diene ÅEPDMÜ to increase the flexibility of the whole. In the method, the tube (11) is expanded over the metal core (1) of which the ends (3, 4) are foreseen with locking rings (9, 10) mating grooves (15) of the tube in order to prevent a relative movement of the core with respect to the tube. <IMAGE>

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