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(54) **Flexible medium voltage interconnection and method to obtain same**

(57) 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 cov-

ering the whole conductive core. The elastomeric material of the tube is preferably a synthetic terpolymer of ethylene, propylene and diene [EPDM] 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.

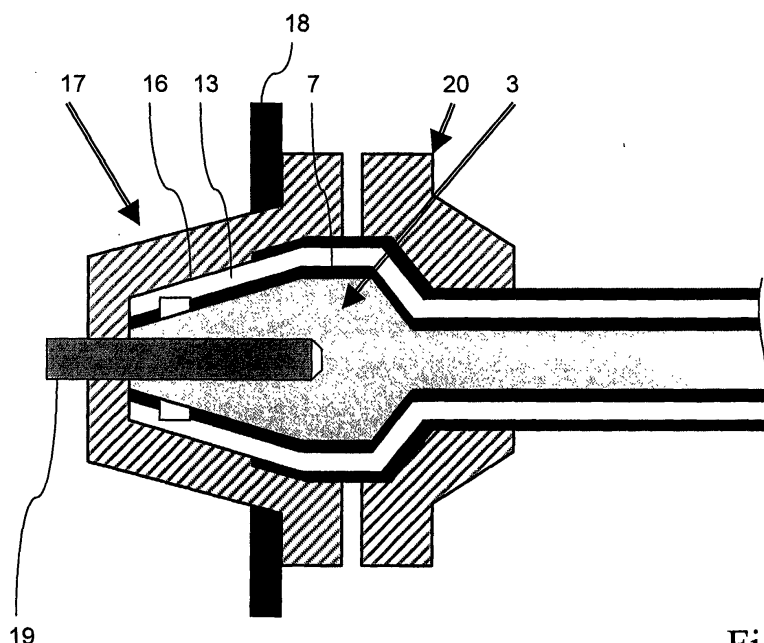


Fig. 5

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EUROPEAN SEARCH REPORT

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EP 01 40 0775

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<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>				

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