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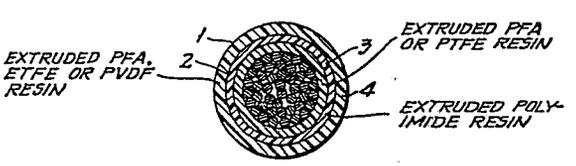
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(54) **Insulated conductor with multi-layer high temperature insulation.**

(57) An insulated conductor for high temperature use and methods of manufacture thereof. The conductor (1) is insulated by at least three layers of insulation, the inner layer (2) being made of a perfluoroalkoxy or a polytetrafluoroethylene resin compound, the second layer (3) being made of a polyimide resin compound and the third layer (4) being made of a perfluoroalkoxy, an ethylenetetrafluoroethylene copolymer or a polyvinylbidine fluoride resin compound. The layers are coated or extruded over the conductor and each other and preferably, the first layer is etched before the second layer is applied.

FIG. I.



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EUROPEAN SEARCH REPORT

Application Number

EP 87 30 7504

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	EP-A-0 056 510 (CHAMPLAIN CABLE) * Whole document * ---	1,3,5,6 ,10,11	H 01 B 7/34 H 01 B 13/14
A	GB-A-2 021 304 (HAVEG) * Whole document * -----	1,4-6,8 ,10-12	

TECHNICAL FIELDS SEARCHED (Int. Cl.4)

H 01 B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	26-02-1988	DROUOT M.C.

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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