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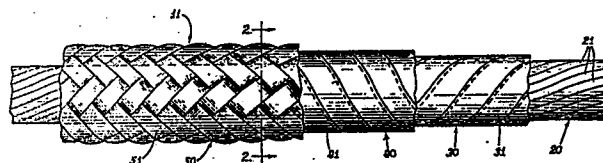
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Heat-resistant electrical conducting wire.

An electrical conducting wire (11), capable of withstanding high continuous operating temperatures without emitting smoke or halogens and without supporting flame, includes a conductive core (20) of nickel, or copper or iron plated with tin, nickel or silver and surrounded by a plurality of successive insulating layers (30, 40) of polyimide film strip or tape (31, 41). The first of such layers (30) is formed by helically winding the tape of polyimide film about the core with adjacent edges overlapping. Each successive layer (40) is helically wound in the opposite direction and surrounding the next inner layer. A braided fiberglass jacket (50) encases the core (20) and the insulating polyimide film layers (30, 40).



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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. ³)
X	US-A-3 425 865 (C.F. SHELTON et al.) * column 2, lines 11-32; column 4, lines 43-56; claims 1-6 *	1,4-9	H 01 B 7/34
Y	--- US-A-3 462 544 (G.E.S. KING) * claims 1-6 *	1,2	
X,Y	--- US-A-4 051 324 (R.W. ANDERSON et al.) * whole document *	1-9	
A	--- FR-A-2 095 196 (DU PONT) * claims 1-7 *	1	
A	--- FR-A-2 291 585 (ISOLA-WERKE) * claims 1-10 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
	-----		H 01 B 7/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11-10-1984	Examiner DROUOT M.C.
<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>			