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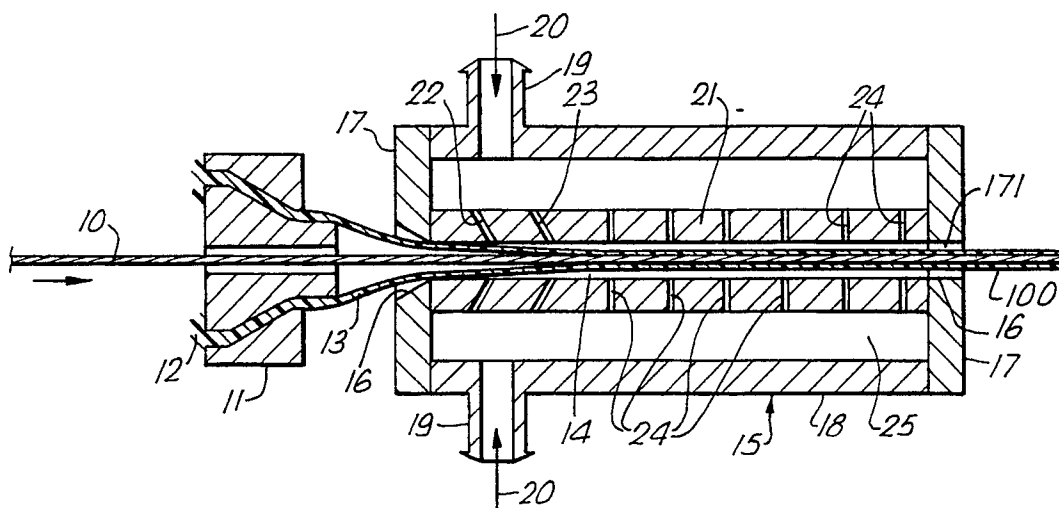
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54 **Insulated electric wire.**

57 Insulated electric wire is manufactured by the continuous extrusion of a tube of polymeric insulator (13), drawing an electric conductor (10) axially through the tube (13) the conductor drawing the tube to cause radial shrinkage of the tube onto the conductor, and directing cooling fluid (20) (via orifices

22, 23) at an intermediate portion (14) of the insulator tube so that the molecular orientation of the polymeric insulator is frozen and maintained. This reduces, and renders controllable, the force needed to strip the insulator.

*Fig.1.*





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.5)
Y	DE-C-3542302 (SIEMENS) * column 2, lines 22 - 40; claims 1-3; figure 1 *	1	H01B13/00 H01B13/14
A	---	2	
Y	GB-A-1582021 (WESTERN ELECTRIC) * claim 1; figures 6-8 *	1	
A	---	3	
Y	EP-A-0007814 (B.I.C.C.) * page 7, line 8 - page 8, line 24; figure 1 *	1	
A	---	2, 3	
A	FR-A-2091363 (DR. K. HERBERTS) * page 4, lines 27 - 33; claims 1, 6; figure 1 *	1, 2, 4, 5	
A	US-A-4705583 (ZUBER) * column 4, line 61 - column 5, line 26; figure 2 *	1, 3, 8	
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			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 SEPTEMBER 1990	Examiner DEMOLDER J.
<b>CATEGORY OF CITED DOCUMENTS</b> 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 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 ..... & : member of the same patent family, corresponding document			