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(54) **Connection for heating cable**

(57) The present invention relates to electrical heating cables and in particular to provision of an improved heating cable conductor joint, - prior to application of common outer sheaths over the conductors and the joints. Such joint includes butt-jointing end portions of two electrical conductors having different diameters, in particular for jointing a heating cable resistance conductor to a cold end copper conductor and vice versa.

The invention includes reducing the diameter of the end portion (3) of the larger conductor (2) before abutting the ends (1,3) of the two conductors and jointing the two conductor ends. The diameter should be reduced so that the diameter over a crimp jointing element (4) crimped over the conductor ends does not exceed the diameter of the larger conductor.

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EUROPEAN SEARCH REPORT

Application Number
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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.6)
Y	US 3 538 482 A (DUGGER RICHARD PAUL) 3 November 1970 * the whole document * ---	1-7	H05B3/56 H05B3/06 H01R4/20 H01R4/70
Y	CH 335 321 A (BRITISCH INSULATED CALLENDER'S CABELS LTD) 14 February 1959 * the whole document * ---	1-7	
A	PATENT ABSTRACTS OF JAPAN vol. 096, no. 002, 29 February 1996 & JP 07 263037 A (NICHIFU CO LTD), 13 October 1995 * abstract * ---	1-7	
A	US 3 593 002 A (HEBERT RENE D) 13 July 1971 * the whole document * ---	1-7	
A	US 2 958 929 A (VINEBERG DAVID A.) 8 November 1960 * the whole document * ---	1-7	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	FR 714 603 A (SÜDDEUTSCHE KABELWERKE) 25 November 1931 * page 1 - page 2; figures 1,2 * -----	1-7	H05B H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 July 1998	Examiner Wansing, A
CATEGORY OF CITED DOCUMENTS 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	

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