

Publication

EP 0858245 A3 19980923 (EN)

Application

EP 97120264 A 19971119

Priority

NO 970530 A 19970206

Abstract (en)

[origin: EP0858245A2] 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.

IPC 1-7

H05B 3/56; **H01R 4/18**

IPC 8 full level

H01R 4/18 (2006.01); **H05B 3/56** (2006.01)

CPC (source: EP)

H01R 4/18 (2013.01); **H05B 3/56** (2013.01)

Citation (search report)

- [Y] US 3538482 A 19701103 - DUGGER RICHARD PAUL
- [Y] CH 335321 A 19581231 - BRITISH INSULATED CALLENDERS [GB]
- [A] US 3593002 A 19710713 - HEBERT RENE D
- [A] US 2958929 A 19601108 - ALBERT VINEBERG DAVID, et al
- [A] FR 714603 A 19311117 - SUDDEUTSCHE KABELWERKE ZWEIGNI
- [A] PATENT ABSTRACTS OF JAPAN vol. 096, no. 002 29 February 1996 (1996-02-29)

Cited by

US11785675B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0858245 A2 19980812; **EP 0858245 A3 19980923**; **EP 0858245 B1 20060322**; DE 69735517 D1 20060511; DE 69735517 T2 20061123; DK 0858245 T3 20060731; NO 305580 B1 19990621; NO 970530 D0 19970206; NO 970530 L 19980807; PL 189222 B1 20050729; PL 324631 A1 19980817

DOCDB simple family (application)

EP 97120264 A 19971119; DE 69735517 T 19971119; DK 97120264 T 19971119; NO 970530 A 19970206; PL 32463198 A 19980204