

Title (en)
INSULATED ELECTRIC WIRE

Publication
EP 0377275 A3 19901114 (EN)

Application
EP 89311060 A 19891026

Priority
GB 8900256 A 19890106

Abstract (en)
[origin: EP0377275A2] 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.

IPC 1-7
H01B 13/00; **H01B 13/14**

IPC 8 full level
H01B 13/00 (2006.01); **H01B 13/14** (2006.01)

CPC (source: EP)
H01B 13/0016 (2013.01); **H01B 13/145** (2013.01)

Citation (search report)

- [Y] DE 3542302 C1 19870108 - SIEMENS AG
- [Y] GB 1582021 A 19801231 - WESTERN ELECTRIC CO
- [Y] EP 0007814 A1 19800206 - BRITISH INSULATED CALLENDERS [GB]
- [A] FR 2091363 A5 19720114 - HERBERTS & CO K
- [A] US 4705583 A 19871110 - ZUBER BRETISLAV P [CA]

Cited by
EP1103361A1; FR2801529A1

Designated contracting state (EPC)
BE CH DE ES FR IT LI LU NL SE

DOCDB simple family (publication)
EP 0377275 A2 19900711; **EP 0377275 A3 19901114**; GB 2226788 A 19900711; GB 8900256 D0 19890308; GB 8924077 D0 19891213

DOCDB simple family (application)
EP 89311060 A 19891026; GB 8900256 A 19890106; GB 8924077 A 19891026