

Title (en)

Electrical cable core, method for its manufacturing and flexible electrical cable

Title (de)

Elektrische Leitungsader, Verfahren zu deren Herstellung sowie flexibles elektrisches Kabel

Title (fr)

Ame d'un câble électrique, procédé pour sa fabrication et câble électrique flexible

Publication

EP 0809258 B1 20000913 (DE)

Application

EP 97107614 A 19970509

Priority

DE 19621007 A 19960524

Abstract (en)

[origin: EP0809258A1] A flexible electrical cable core comprises an electrical conductor (3) with a rough outer surface and a tubular thermoplastic insulating sheath (9). The inner surface (11) of the insulation (9) makes occasional local contact with the outer surfaces of the conductor, other hollow areas (7) of the latter being merely bridged over by the sheath (9). In a core manufacturing process the thermoplastic sheath (9) is extruded around the conductor and then reduced below the polymer flow temperature to bring the sheath (9) and conductor into contact with each other without polymer penetration into the conductor. A claimed electrical cable comprises one or more of the claimed cores enclosed in an inner cover and/or outer cable cover made from polyurethane.

IPC 1-7

H01B 7/02

IPC 8 full level

H01B 7/02 (2006.01)

CPC (source: EP)

H01B 7/0275 (2013.01)

Citation (examination)

- "Kabel- und Leitungsfertigung", 1. AUFLAGE 1976, VEB VERLAG TECHNIK, BERLIN
- Produktinformation der Firma HÜLS Aktiengesellschaft betreffend VESTODUR 05/92

Cited by

EP1288553A1; WO2004036600A1

Designated contracting state (EPC)

CH DE ES FR IT LI NL SE

DOCDB simple family (publication)

EP 0809258 A1 19971126; EP 0809258 B1 20000913; DE 19621007 A1 19971127; DE 59702335 D1 20001019; PL 184811 B1 20021231; PL 320182 A1 19971208

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