

Title (en)

METHOD FOR PRODUCING A WINDING CONDUCTOR FOR ELECTRICAL APPLIANCES, AND WINDING CONDUCTOR PRODUCING ACCORDING TO SAID METHOD

Title (de)

VERFAHREN ZUM HERSTELLEN EINES WICKELLEITERS FÜR ELEKTRISCHE GERÄTE UND NACH DIESEM VERFAHREN HERGESTELLTER WICKELLEITER

Title (fr)

PROCEDE DE PRODUCTION D'UN CONDUCTEUR D'ENROULEMENT POUR APPAREILS ELECTRIQUES ET CONDUCTEUR D'ENROULEMENT PRODUIT PAR CE PROCEDE

Publication

EP 1829059 A1 20070905 (DE)

Application

EP 05850434 A 20051205

Priority

- EP 2005056456 W 20051205
- DE 102004058755 A 20041206

Abstract (en)

[origin: WO2006061360A1] The invention relates to a method for producing a winding conductor (6a) for electrical appliances, whereby at least one thermoplastic insulating layer (60) is arranged, by means of an extrusion method, on an enamelled wire (2) which is pre-insulated with a functional insulation (22), and whereby each thermoplastic insulating layer (60) consists exclusively of a high-temperature thermoplastic material. The invention also relates to a winding conductor produced according to said method. The use of a high-temperature thermoplastic material as an insulating layer enables winding conductors for the thermal categories H and F to be economically produced by means of an extrusion method.

IPC 8 full level

H01B 7/02 (2006.01); **H01B 3/18** (2006.01); **H01B 3/30** (2006.01); **H01B 3/42** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP US)

H01B 3/30 (2013.01 - EP US); **H01F 41/122** (2013.01 - EP US); **H02K 3/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2006061360A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006061360 A1 20060615; CN 101073127 A 20071114; EP 1829059 A1 20070905; JP 2008523544 A 20080703; US 2008128154 A1 20080605

DOCDB simple family (application)

EP 2005056456 W 20051205; CN 200580041928 A 20051205; EP 05850434 A 20051205; JP 2007543862 A 20051205; US 79230705 A 20051205