

Title (en)

THREE-DIMENSIONAL MOULDED PLANAR CABLE, METHOD FOR PRODUCTION AND USE THEREOF

Title (de)

DREIDIMENSIONAL GEFORMTES FLACHKABEL, VERFAHREN ZU SEINER HERSTELLUNG UND SEINE VERWENDUNG

Title (fr)

CABLE PLAT FORME EN TROIS DIMENSIONS, PROCEDE DE PRODUCTION ET UTILISATION CORRESPONDANTS

Publication

EP 1568050 B1 20131106 (DE)

Application

EP 03757812 A 20030910

Priority

- DE 10256372 A 20021202
- DE 10315747 A 20030404
- EP 0310031 W 20030910

Abstract (en)

[origin: WO2004051675A1] The invention relates to a three-dimensional moulded planar cable, comprising a laminate made from at least one conductor track, bonded between two insulation layers and at least one support layer, connected to each other by means of an adhesive layer and applied to a positive moulding tool, brought into shape by the application of heat and/or radiation and/or pressure and fixed in the three-dimensional shape thereof by cooling to below the glass temperature T_g of the adhesive layer or by hardening of the adhesive layer.

IPC 8 full level

H01B 7/08 (2006.01)

CPC (source: EP KR US)

H01B 3/485 (2013.01 - KR); **H01B 7/08** (2013.01 - EP US); **H01B 7/0838** (2013.01 - EP KR US); **H01B 13/0016** (2013.01 - KR); **H01B 13/003** (2013.01 - KR); **H01B 13/06** (2013.01 - KR)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004051675 A1 20040617; AU 2003273849 A1 20040623; EP 1568050 A1 20050831; EP 1568050 B1 20131106; JP 2006508517 A 20060309; KR 100779336 B1 20071123; KR 20050084105 A 20050826; RU 2005120772 A 20060120; RU 2305336 C2 20070827; TW 200410265 A 20040616; TW I225261 B 20041211; US 2006131060 A1 20060622; US 7408117 B2 20080805

DOCDB simple family (application)

EP 0310031 W 20030910; AU 2003273849 A 20030910; EP 03757812 A 20030910; JP 2004570672 A 20030910; KR 20057009964 A 20050602; RU 2005120772 A 20030910; TW 92125719 A 20030918; US 53708203 A 20030910