

Title (en)

HOUSING FOR ELECTRICAL CONNECTION BETWEEN A FOIL CONDUCTOR AND A CONDUCTOR

Title (de)

GEHÄUSE ZUR ELEKTRISCHEN LEITUNGSVERBINDUNG ZWISCHEN EINEM FOLIENLEITER UND EINEM LEITER

Title (fr)

BOÎTIER DE CONNEXION CONDUCTRICE ÉLECTRIQUE ENTRE UN CONDUCTEUR DE TYPE FILM ET UN CONDUCTEUR

Publication

EP 2603955 A1 20130619 (DE)

Application

EP 11736077 A 20110721

Priority

- EP 10172257 A 20100809
- EP 2011062504 W 20110721
- EP 11736077 A 20110721

Abstract (en)

[origin: EP2418745A1] The housing (7) has an electrical line connection part arranged between a rounded cable (4) and a foil conductor (1). A leading edge is rounded in an inlet opening of the housing such that the inlet opening is outwardly extended. A rounded region of the leading edge runs parallel to a broad side of the foil conductor and represents an angle segment with an angle ranging from 135 degrees to 180 degrees. Curvature radius of the rounded region of the leading edge is about 0.5 to 20 mm. The housing consists of electrically isolated material e.g. thermoplastic material. An independent claim is also included for a process for producing a housing.

IPC 8 full level

H01R 12/77 (2011.01); **H01R 12/63** (2011.01); **H01R 13/56** (2006.01); **H01R 43/20** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP KR US)

H01R 12/00 (2013.01 - US); **H01R 12/63** (2013.01 - EP KR US); **H01R 12/772** (2013.01 - EP US); **H01R 13/56** (2013.01 - EP KR US); **H01R 43/00** (2013.01 - KR); **H01R 43/20** (2013.01 - US); **H01R 13/5845** (2013.01 - EP US); **Y10T 29/49208** (2015.01 - EP US)

Citation (search report)

See references of WO 2012019893A1

Cited by

DE102016121168B3; US10727617B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2418745 A1 20120215; BR 112013001887 A2 20160524; BR 112013001887 B1 20210817; CN 103038953 A 20130410; CN 103038953 B 20170503; EA 029574 B1 20180430; EA 201390227 A1 20130628; EP 2603955 A1 20130619; EP 2603955 B1 20160608; ES 2590129 T3 20161118; JP 2013536550 A 20130919; JP 5710763 B2 20150430; KR 101660568 B1 20160927; KR 20130099037 A 20130905; MX 2013001288 A 20130221; PL 2603955 T3 20170331; PT 2603955 T 20160908; US 2013224990 A1 20130829; US 9172191 B2 20151027; WO 2012019893 A1 20120216

DOCDB simple family (application)

EP 10172257 A 20100809; BR 112013001887 A 20110721; CN 201180039299 A 20110721; EA 201390227 A 20110721; EP 11736077 A 20110721; EP 2011062504 W 20110721; ES 11736077 T 20110721; JP 2013523553 A 20110721; KR 20137006034 A 20110721; MX 2013001288 A 20110721; PL 11736077 T 20110721; PT 11736077 T 20110721; US 201113813417 A 20110721