

Title (en)

METHOD FOR PRODUCING AN ELECTRIC INTERFACE AND INTERFACE

Title (de)

VERFAHREN ZUM HERSTELLEN EINER ELEKTRISCHEN SCHNITTSTELLE UND SCHNITTSTELLE

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE INTERFACE ÉLECTRIQUE ET INTERFACE CORRESPONDANTE

Publication

EP 2499704 A2 20120919 (DE)

Application

EP 11719148 A 20110301

Priority

- DE 102010009766 A 20100301
- DE 2011000203 W 20110301

Abstract (en)

[origin: WO2011107075A2] The invention relates to a method for producing a preferably multi-pole, shielded electric interface, in particular a plug connection, preferably a plug, a socket, a Y piece, T piece or similar, comprising at least one cable (2) and protector (1), which is connected to the electric interface comprising electric contacts (4) and the cable (2) provided with wires (3) which are to be connected to the electric contacts (4) and a protector (1) which surrounds the wires (3). The protector extends from the cable (2) to the or into the interface. Said method is characterised by virtue of the fact that to form a protection element (6), the cable (2) protector (1) or the cable and at least one area around the electric contacts (4) and bordering the protector (1) is extrusion coated with an electrically conductive composite material. Said protection element (6) is insulated against the electric contacts (4) at a distance or by integrating an insulating body (5). An interface is correspondingly produced.

IPC 8 full level

H01R 9/05 (2006.01); **H01R 4/00** (2006.01); **H01R 4/04** (2006.01); **H01R 4/58** (2006.01); **H01R 9/03** (2006.01); **H01R 13/03** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP US)

H01R 4/00 (2013.01 - EP US); **H01R 4/04** (2013.01 - EP US); **H01R 4/58** (2013.01 - EP US); **H01R 13/65912** (2020.08 - EP US); **H01R 9/05** (2013.01 - EP US); **H01R 13/035** (2013.01 - EP US); **H01R 43/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2011107075A2

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)

DE 102011012763 A1 20110901; CN 102870279 A 20130109; DE 112011100727 A5 20130228; EP 2499704 A2 20120919; EP 2499704 B1 20170607; US 2012329323 A1 20121227; US 9350087 B2 20160524; WO 2011107075 A2 20110909; WO 2011107075 A3 20111124

DOCDB simple family (application)

DE 102011012763 A 20110301; CN 201180022046 A 20110301; DE 112011100727 T 20110301; DE 2011000203 W 20110301; EP 11719148 A 20110301; US 201113582641 A 20110301