

Title (en)

Coating of a lead frame with a plastic material with high shrinkage rate

Title (de)

Umspritzen eines Stanzgitters mit einem Kunststoff mit hoher Schwindungsrate

Title (fr)

Enrobage d'une grille d'estampillage à l'aide d'une matière plastique ayant un degré élevé de retrait

Publication

EP 2378612 B1 20160330 (DE)

Application

EP 11003036 A 20110411

Priority

DE 102010015227 A 20100415

Abstract (en)

[origin: EP2378612A1] The interface has a plug-in connector with contact partners, which are arranged in a housing i.e. injection molding part. The contact partners are arranged at an end of an electrical conductor of a line, where the electrical conductor is enclosed by an insulating jacket made of plastic i.e. ethylene tetrafluoroethylene. The housing is made of plastic i.e. polybutylene terephthalate, with increased shrinkage rate. The contact partners are arranged in contact chambers of a contact carrier, which comprises the contact partners. An independent claim is also included for a method for manufacturing a longitudinal waterproof interface.

IPC 8 full level

H01R 13/52 (2006.01); **H01R 43/18** (2006.01)

CPC (source: EP)

H01R 13/5216 (2013.01); **H01R 43/18** (2013.01)

Citation (examination)

- GB 2184592 A 19870624 - PIRELLI CAVI SPA
- US 2009301752 A1 20091210 - AIDA SHIGERU [JP], et al
- US 2005199414 A1 20050915 - KIM YOUNG J [US], et al
- US 2005202242 A1 20050915 - FAVEREAU DANIEL A [CH], et al

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 2378612 A1 20111019; EP 2378612 B1 20160330; DE 102011016685 A1 20120510; ES 2574928 T3 20160623

DOCDB simple family (application)

EP 11003036 A 20110411; DE 102011016685 A 20110411; ES 11003036 T 20110411