

Title (en)

PLUG CONNECTION ASSEMBLY FOR A MOISTURE-PROTECTED ELECTRICAL PLUG CONNECTION

Title (de)

STECKERVERBINDUNGSANORDNUNG FÜR FEUCHTIGKEITSGESCHÜTZTE ELEKTRISCHE STECKVERBINDUNG

Title (fr)

SYSTÈME DE CONNEXION PAR CONNECTEUR POUR CONNEXION ÉLECTRIQUE ENFICHABLE PROTÉGÉE CONTRE L'HUMIDITÉ

Publication

EP 2517313 B1 20161130 (DE)

Application

EP 10805207 A 20101222

Priority

- DE 102009060564 A 20091223
- EP 2010007861 W 20101222

Abstract (en)

[origin: WO2011076399A1] In a plug connection assembly for a moisture-protected electrical plug connection having at least one plug which has a main body (1) having a fastening flange (4) on the front side and a resilient sealing element (7) arranged on said flange and an electric line cable (2) emerging rearward from the main body (1), a contact carrier (5) which receives electric contacts (6) is inserted into the main body (1) in a form-fitting manner. The fastening flange (4) can have a rigid contact area (14) for contact with a socket (9), and the sealing element (7) can have a surface seal (17) and a raised molded seal (27) on a partial surface thereof.

IPC 8 full level

H01R 13/52 (2006.01); **H01R 13/645** (2006.01); **H01R 13/74** (2006.01)

CPC (source: EP US)

H01R 13/5202 (2013.01 - EP US); **H01R 13/521** (2013.01 - EP US); **H01R 13/6456** (2013.01 - EP US); **H01R 13/748** (2013.01 - EP US)

Citation (examination)

- DE 3012733 A1 19801030 - BUNKER RAMO
- DE 20021885 U1 20010222 - HUMMEL ANTON VERWALTUNG [DE]
- DE 3840678 C1 19900201

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)

WO 2011076399 A1 20110630; CN 102714371 A 20121003; CN 102714371 B 20160120; DE 102009060564 A1 20110630; DE 102009060564 B4 20231116; EP 2517313 A1 20121031; EP 2517313 B1 20161130; HU E031947 T2 20170828; PL 2517313 T3 20170731; US 2012282793 A1 20121108; US 8747138 B2 20140610

DOCDB simple family (application)

EP 2010007861 W 20101222; CN 201080059332 A 20101222; DE 102009060564 A 20091223; EP 10805207 A 20101222; HU E10805207 A 20101222; PL 10805207 T 20101222; US 201013518878 A 20101222