

Title (en)

Connector with an integrated insulating body

Title (de)

Steckverbinder mit einem einteiligen Isolierkörper

Title (fr)

Connecteur à fiches doté d'un corps d'isolation en une pièce

Publication

EP 2034562 A3 20120926 (DE)

Application

EP 08014369 A 20080812

Priority

DE 102007042944 A 20070910

Abstract (en)

[origin: EP2034562A2] The plug-in connector (10) has a single-piece insulating body (14) which has a stopper, in order to fix a contact insert (12) acting together with a catch element arranged in a connecting section. The insulating body has a recess in its receiving area which is measured such that both the clamping screw is inserted into the recess and the screwless clamping element accessible from the outside by the recess.

IPC 8 full level

H01R 13/432 (2006.01); **H01R 4/38** (2006.01); **H01R 4/48** (2006.01); **H01R 13/50** (2006.01)

CPC (source: EP)

H01R 4/4821 (2023.08); **H01R 4/489** (2013.01); **H01R 13/432** (2013.01); **H01R 4/302** (2013.01); **H01R 4/4852** (2023.08); **H01R 4/5075** (2013.01); **H01R 13/057** (2013.01); **H01R 13/114** (2013.01); **H01R 13/50** (2013.01)

Citation (search report)

- [XY] DE 2809289 A1 19780907 - AMERACE CORP
- [Y] DE 2537469 A1 19770303 - WIELAND ELEKTRISCHE INDUSTRIE
- [Y] DE 8235354 U1 19830511
- [Y] DE 102005053566 A1 20070510 - ALOYS MENNEKES ANLAGENGBH & C [DE]

Cited by

EP3386033A1; CN105794046A; KR20160089388A; JP2016538697A; EP2495825A1; US9761982B2; US8734192B2; EP4266509A1; WO2015078442A1; WO2021254551A1; WO2015124454A1; WO2010142494A1; US10148030B2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2034562 A2 20090311; EP 2034562 A3 20120926; EP 2034562 B1 20131009; DE 102007042944 A1 20090312; ES 2439460 T3 20140123

DOCDB simple family (application)

EP 08014369 A 20080812; DE 102007042944 A 20070910; ES 08014369 T 20080812