

Title (en)

Plug connector and apparatus with such a plug-type connector

Title (de)

Steckverbinder und Vorrichtung mit einem solchen Steckverbinder

Title (fr)

Connecteur à fiches et dispositif doté d'un tel connecteur à fiches

Publication

**EP 2741371 B1 20170621 (DE)**

Application

**EP 13195243 A 20131202**

Priority

DE 102012222364 A 20121205

Abstract (en)

[origin: EP2741371A1] The plug connector (11) has housing (12) in which multiple metallic plug terminals (14a-14c) are provided. Multiple contact feet (16) are projected from bottom of the housing to make electrical contact and mechanically fix the connector to a support of an electrically connected heating device. One contact foot is provided with U-shaped contact foot provided with upper leg (19) and lower leg (20). The upper leg is merged with recess portion (23), and lower leg is provided on the housing. The height of the recess portion is between 50-150% of height of contact foot. An independent claim is included for a plug connector device.

IPC 8 full level

**H01R 12/57** (2011.01); **H01R 12/70** (2011.01); **H01R 12/71** (2011.01); **H05B 3/00** (2006.01)

CPC (source: EP US)

**H01R 4/02** (2013.01 - US); **H01R 12/57** (2013.01 - EP US); **H01R 12/7082** (2013.01 - EP US); **H01R 12/716** (2013.01 - EP US); **H01R 13/04** (2013.01 - EP US)

Cited by

WO2020260449A1

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 2741371 A1 20140611**; **EP 2741371 B1 20170621**; CN 103904451 A 20140702; CN 103904451 B 20180216; DE 102012222364 A1 20140605; ES 2639337 T3 20171026; PL 2741371 T3 20180228; US 2014154930 A1 20140605; US 2016036152 A1 20160204; US 9196990 B2 20151124; US 9437951 B2 20160906

DOCDB simple family (application)

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