

Title (en)
CONNECTOR AND MATING CONNECTOR

Title (de)
STECKVERBINDER UND GEGENSTECKVERBINDER

Title (fr)
CONNECTEUR A FICHES ET CONNECTEUR FEMELLE

Publication
EP 3109949 B1 20180321 (DE)

Application
EP 16173672 A 20160609

Priority
DE 102015211658 A 20150624

Abstract (en)
[origin: US2016380376A1] Disclosed is a plug connector for positioning on a mating connector and for producing an electrically conductive connection. The plug connector comprises a guide means and a contact pin. The guide means is configured and positioned such that to produce the electrically conductive connection, contact bars of a contact socket of the mating connector can be guided by means of the guide means toward the contact pin, said contact bars encompassing the contact pin in a frictional engagement to establish electrical contact.

IPC 8 full level
H01R 13/193 (2006.01); **H01R 13/08** (2006.01); **H01R 13/11** (2006.01)

CPC (source: CN EP US)
H01R 13/08 (2013.01 - EP US); **H01R 13/18** (2013.01 - US); **H01R 13/193** (2013.01 - EP US); **H01R 13/629** (2013.01 - CN); **H01R 13/631** (2013.01 - CN US); **H01R 13/6315** (2013.01 - CN); **H01R 24/00** (2013.01 - CN); **H01R 13/111** (2013.01 - EP US)

Cited by
EP3542423B1

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 3109949 A1 20161228; EP 3109949 B1 20180321; CN 106299875 A 20170104; CN 106299875 B 20180831;
DE 102015211658 A1 20161229; DE 102015211658 B4 20191121; US 2016380376 A1 20161229; US 9748684 B2 20170829

DOCDB simple family (application)
EP 16173672 A 20160609; CN 201610471088 A 20160624; DE 102015211658 A 20150624; US 201615191454 A 20160623