

Title (en)
ELECTRICAL PLUG-AND-SOCKET DEVICE WITH ADVANCED CONTACTING

Title (de)
ELEKTRISCHE STECKVORRICHTUNG MIT VOREILENDER KONTAKTIERUNG

Title (fr)
DISPOSITIF D'ENFICHAGE ÉLECTRIQUE AVEC CONTACT AVANCÉ

Publication
EP 2695250 B1 20151125 (DE)

Application
EP 12708314 A 20120309

Priority
• DE 102011006934 A 20110407
• EP 2012054068 W 20120309

Abstract (en)
[origin: WO2012136441A1] The invention is based on an electrical plug-type apparatus comprising a plug-type connector (2, 102) and a mating plug-type connector (28, 128), wherein the plug-type connector (2, 102) is provided with a male contact (18, 118) and the mating plug-type connector (28, 128) is provided with a female contact (34, 134). The plug-type connector (2, 102) is formed in complementary fashion with respect to the mating plug-type connector (28, 128). According to the invention, when the plug-type connector (2, 102) and the mating plug-type connector (28, 128) are plugged together, before an electrically conductive connection is produced between the male contact (18, 118) and the corresponding female contact (34, 134), an electrically conductive connection is produced between a first contact-making element (20, 120) and a second contact-making element (42, 142).

IPC 8 full level
H01R 13/652 (2006.01); **H01R 13/655** (2006.01)

CPC (source: EP KR)
H01R 13/652 (2013.01 - EP KR); **H01R 13/655** (2013.01 - EP KR); **H01R 2201/26** (2013.01 - EP)

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)
DE 102011006934 A1 20121011; CN 103460523 A 20131218; CN 103460523 B 20160413; EP 2695250 A1 20140212;
EP 2695250 B1 20151125; JP 2014510382 A 20140424; JP 6049689 B2 20161221; KR 101485876 B1 20150126; KR 20130127506 A 20131122;
WO 2012136441 A1 20121011

DOCDB simple family (application)
DE 102011006934 A 20110407; CN 201280016630 A 20120309; EP 12708314 A 20120309; EP 2012054068 W 20120309;
JP 2014503050 A 20120309; KR 20137023532 A 20120309