

Title (en)
PLUG-IN CONNECTOR ARRANGEMENT

Title (de)
STECKVERBINDERANORDNUNG

Title (fr)
SYSTÈME DE CONNECTEUR À FICHES

Publication
EP 2936622 B1 20181226 (DE)

Application
EP 13831820 A 20131212

Priority
• DE 102012025107 A 20121221
• DE 2013000775 W 20131212

Abstract (en)
[origin: CA2893008A1] A plug-in connector arrangement comprising two plug-in connector parts (100, 200) which can be plugged into each another and which each have a housing part (101, 201), the housing parts being adapted to each another, and a plug contact (110, 210) provided therein, the plug contacts being adapted to each another, wherein the two housing parts (101, 201) have detent elements for detachably connecting the two housing parts to each other, characterized in that the detent elements comprise at least one detent tongue (300) that has a detent lug (310) and is arranged in a tongue-receiving pocket (500) in the first housing part (100), said detent lug (310) engaging in an opening (400) provided therefor in a housing wall of the second housing part (201), and in that said tongue-receiving pocket in the first housing part (101) is in the form of a groove that has a substantially U-shaped cross-section, the two lateral limbs (510, 520) of the U projecting beyond the detent tongue (300).

IPC 8 full level
H01R 13/506 (2006.01); **H01R 13/627** (2006.01); **H01R 13/64** (2006.01)

CPC (source: EP KR US)
H01R 13/506 (2013.01 - US); **H01R 13/6272** (2013.01 - EP KR US); **H01R 13/64** (2013.01 - EP KR US)

Citation (examination)
US 5203719 A 19930420 - KOZONO SEIJI [JP]

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 102012025107 A1 20140626; BR 112015014126 A2 20170711; CA 2893008 A1 20140626; CA 2893008 C 20201013; CN 104871375 A 20150826; CN 104871375 B 20180420; DK 2936622 T3 20190415; EP 2936622 A1 20151028; EP 2936622 B1 20181226; ES 2717681 T3 20190624; IL 238980 A0 20150730; IL 238980 B 20190131; JP 2016500467 A 20160112; JP 3218961 U 20181122; KR 20150097617 A 20150826; KR 20200000709 U 20200406; MX 2015007820 A 20151029; US 2015349451 A1 20151203; US 9478895 B2 20161025; WO 2014094706 A1 20140626

DOCDB simple family (application)
DE 102012025107 A 20121221; BR 112015014126 A 20131212; CA 2893008 A 20131212; CN 201380066988 A 20131212; DE 2013000775 W 20131212; DK 13831820 T 20131212; EP 13831820 A 20131212; ES 13831820 T 20131212; IL 23898015 A 20150525; JP 2015548193 A 20131212; JP 2018001928 U 20180525; KR 20157018718 A 20131212; KR 20207000016 U 20131212; MX 2015007820 A 20131212; US 201314654056 A 20131212