

Title (en)

ELECTRICAL PLUG-IN CONNECTOR HAVING LOCKING CLIPS

Title (de)

ELEKTRISCHER STECKVERBINDER MIT VERRIEGELUNGSBÜGEL

Title (fr)

CONNECTEUR ÉLECTRIQUE ENFICHABLE À ÉTRIER DE VERROUILLAGE

Publication

**EP 2537212 A1 20121226 (DE)**

Application

**EP 10818086 A 20101202**

Priority

- DE 202010002396 U 20100216
- DE 2010075150 W 20101202

Abstract (en)

[origin: CA2787862A1] The invention relates to an electrical plug-in connector, comprising a first and a second housing half, the first housing half (2) having two opposite U-shaped locking clips (8), which are each pivotably retained on both sides on bearing journals (12) and which each have locking projections (9) on both sides, the locking projections having a recess (11), wherein said recesses act on locking pins (13) of the second housing (3) when the locking clips (8) are closed so that the two housing halves (2, 3) are pressed against each other, characterized in that the first housing half (2) has at least one web (4), which penetrates a recess (6) of the second housing half (3) intended therefore when the two housing halves (2, 3) are joined so that the housing halves lie against each other in an accurately fitting manner, and in that the locking clips (8) have lateral shields (7), which cover the bearing journals (12) of the first housing half (2) and the locking pins (13) of the second housing half (3) in the locked state of the system plug-in connector, wherein each shield (7) has a straight edge (17) between the bearing journal receptacle (22) and the locking pin (13).

IPC 8 full level

**H01R 13/629** (2006.01)

CPC (source: EP KR US)

**H01R 13/629** (2013.01 - KR); **H01R 13/62938** (2013.01 - EP US); **H01R 13/62966** (2013.01 - EP US)

Citation (search report)

See references of WO 2011100942A1

Cited by

DE102013102023B4; WO2018178401A1; DE102017102226A1; WO2018141328A1; DE102022104736A1; WO2023160749A1; DE102013102023A1; WO2014131397A1; US9880357B2; WO2018149445A1; DE102017102885B4; DE102013102023C5

Designated contracting state (EPC)

AL AT BE BG CH CY CZ 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 202010002396 U1 20100520**; BR 112012019861 A2 20160426; CA 2787862 A1 20110825; CA 2787862 C 20170606; CN 102763289 A 20121031; CN 102763289 B 20160427; DK 2537212 T3 20140707; EP 2537212 A1 20121226; EP 2537212 B1 20140416; EP 2537212 B8 20140716; ES 2467143 T3 20140612; JP 2013519982 A 20130530; JP 5383933 B2 20140108; KR 101361327 B1 20140210; KR 20120125545 A 20121115; PL 2537212 T3 20141031; RU 2012139423 A 20140327; RU 2540917 C2 20150210; US 2012315782 A1 20121213; US 8979568 B2 20150317; WO 2011100942 A1 20110825

DOCDB simple family (application)

**DE 202010002396 U 20100216**; BR 112012019861 A 20101202; CA 2787862 A 20101202; CN 201080063984 A 20101202; DE 2010075150 W 20101202; DK 10818086 T 20101202; EP 10818086 A 20101202; ES 10818086 T 20101202; JP 2012553174 A 20101202; KR 20127024007 A 20101202; PL 10818086 T 20101202; RU 2012139423 A 20101202; US 201013579360 A 20101202