

Title (en)

Electrical connector and locking lever for locking two electrical housing sections together

Title (de)

Elektrischer Steckverbinder und Verriegelungsbügel zur Verriegelung zweier elektrischer Gehäuseteile

Title (fr)

Connecteur à fiche électrique et étrier de verrouillage destiné au verrouillage de deux éléments de boîtier électriques

Publication

EP 2110894 B1 20140514 (DE)

Application

EP 09003862 A 20090318

Priority

DE 102008019016 A 20080415

Abstract (en)

[origin: EP2110894A2] The connector (1) has a metal interlocking clip pivotally mounted on a housing part (2), and a pair of interlocking projections (7) e.g. interlocking pins, provided on another housing part (3). The clip includes a handle piece (13) for connects interlocking legs together. A pair of bearing arms (14) is provided with recesses on respective the interlocking legs for receiving bearing journals (5). A pair of plastic parts is arranged on the respective interlocking legs such that specific sections of the plastic parts cover free end surfaces of interlocking arms (16) of the legs.

IPC 8 full level

H01R 13/629 (2006.01)

CPC (source: EP US)

H01R 13/62955 (2013.01 - EP US); **H01R 13/62966** (2013.01 - EP US)

Cited by

CN1321095C; EP3012922A1; US9407036B2; US9474178B2; WO2013127487A1; WO2014001329A1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2110894 A2 20091021; EP 2110894 A3 20130123; EP 2110894 B1 20140514; CN 101562299 A 20091021; CN 101562299 B 20130904; DE 102008019016 A1 20091022; DE 102008019016 B4 20141218; DK 2110894 T3 20140728; ES 2480215 T3 20140725; JP 2009259832 A 20091105; JP 5542363 B2 20140709; US 2009258530 A1 20091015; US 7717723 B2 20100518

DOCDB simple family (application)

EP 09003862 A 20090318; CN 200910133183 A 20090415; DE 102008019016 A 20080415; DK 09003862 T 20090318; ES 09003862 T 20090318; JP 2009099012 A 20090415; US 42409909 A 20090415