

Title (en)

PLUG CONNECTION COMPRISING A LOCKING DEVICE

Title (de)

STECKVERBINDUNG MIT VERRIEGELUNGSVORRICHTUNG

Title (fr)

CONNEXION ENFICHABLE COMPRENANT UN DISPOSITIF DE VERROUILLAGE

Publication

EP 3262722 B1 20200708 (DE)

Application

EP 16700530 A 20160114

Priority

- DE 202015001505 U 20150226
- EP 2016000064 W 20160114

Abstract (en)

[origin: CA2975425A1] The invention relates to a plug connector (100), in particular a high-current plug, comprising a locking device (20) for the play-free axial fixing of the plug connector with respect to a mating plug connector (200) in a closed position coupled to the mating plug connector, wherein the locking device (20) has a retaining element (22) such as a latching clip to engage axially behind a locking projection (202) on the mating plug connector in the closed position, and a mating pressure element (24) which is located opposite the retaining element (22) in such a way that the locking projection (202) can be accommodated between the retaining element (22) and the mating pressure element (24) in the closed position. According to the invention, an actuating device (30) for pressing on retaining element (22) and/or mating pressure element (24) is formed on the locking projection (202) in a fixing position (II).

IPC 8 full level

H01R 13/627 (2006.01)

CPC (source: CN EP KR US)

H01R 13/508 (2013.01 - US); **H01R 13/6275** (2013.01 - CN EP KR US)

Cited by

EP3979462A1

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 202015001505 U1 20150312; CA 2975425 A1 20160901; CN 107408780 A 20171128; CN 107408780 B 20190101; EP 3262722 A1 20180103; EP 3262722 B1 20200708; JP 2018508098 A 20180322; JP 6506851 B2 20190424; KR 20170120115 A 20171030; US 10211568 B2 20190219; US 2018040978 A1 20180208; WO 2016134812 A1 20160901

DOCDB simple family (application)

DE 202015001505 U 20150226; CA 2975425 A 20160114; CN 201680012333 A 20160114; EP 16700530 A 20160114; EP 2016000064 W 20160114; JP 2017544886 A 20160114; KR 20177023693 A 20160114; US 201615552030 A 20160114