

Title (en)

LOCKING DEVICE FOR A CONNECTING ARRANGEMENT

Title (de)

SICHERUNGSEINRICHTUNG FÜR EINE VERBINDUNGSANORDNUNG

Title (fr)

DISPOSITIF DE SÉCURITÉ CONÇU POUR UN SYSTÈME DE RACCORDEMENT

Publication

EP 2596271 A1 20130529 (DE)

Application

EP 11729577 A 20110701

Priority

- DE 102010031662 A 20100722
- EP 2011003267 W 20110701

Abstract (en)

[origin: WO2012016614A1] A locking device (106) for a connecting arrangement between a connecting piece and a plug-type connector, which connecting piece has, radially on the outside, at least one first undercut region extending in the circumferential direction, which plug-type connector has, radially on the inside, at least one second undercut region which is suitable for corresponding with the at least one first undercut region in an engagement position and can be elastically deformed in the radial direction in such a way that the at least one first undercut region and the at least one second undercut region can be engaged or disengaged, the locking device being suitable for preventing a radial elastic deformation of the plug-type connector at least to such an extent that, in the connecting position, the at least one first undercut region and the at least one second undercut region are fixed in the corresponding engagement position.

IPC 8 full level

F16L 37/098 (2006.01)

CPC (source: EP US)

F02M 25/06 (2013.01 - EP US); **F02M 35/10144** (2013.01 - EP US); **F02M 35/10222** (2013.01 - EP US); **F16L 37/0985** (2013.01 - EP US); **H01R 13/60** (2013.01 - US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2012016614A1

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 102010031662 A1 20120126; EP 2596271 A1 20130529; US 2013137295 A1 20130530; US 8821185 B2 20140902; WO 2012016614 A1 20120209

DOCDB simple family (application)

DE 102010031662 A 20100722; EP 11729577 A 20110701; EP 2011003267 W 20110701; US 201313745195 A 20130118