

Title (en)

ELECTRICAL PLUG-IN DEVICE COMPRISING A CLOSURE UNIT

Title (de)

ELEKTRISCHE STECKVORRICHTUNG MIT VERSCHLUSSEINRICHTUNG

Title (fr)

DISPOSITIF ÉLECTRIQUE ENFICHABLE MUNI D'UN SYSTÈME DE FERMETURE

Publication

**EP 2686915 A1 20140122 (DE)**

Application

**EP 12707535 A 20120301**

Priority

- DE 102011001300 A 20110316
- EP 2012053558 W 20120301

Abstract (en)

[origin: WO2012123265A1] The invention relates to a plug-in device system comprising a closure unit (100) by which the access to a first plug-in device element, for example a socket (1), is blocked. The closure unit (100) contains a rotary ring (120), which via coupling means (121, 131, 131') is coupled to at least one panel (130, 130') such that the rotation of the ring effects a movement of the panel (130, 130') from a closed position in an open position. Preferably locking means (132') are additionally provided, by means of which the mobility of the rotary ring (120) and/or panel (130, 130') is blocked in the closed position as long as no pressure is applied to the panel (130, 130'). In addition, securing means (133') can be provided, which prevent the panel (130, 130') from opening when a direct force is applied.

IPC 8 full level

**H01R 13/453** (2006.01)

CPC (source: EP US)

**H01R 13/4532** (2013.01 - US); **H01R 13/4534** (2013.01 - EP US); **H01R 13/6397** (2013.01 - US); **H01R 43/26** (2013.01 - US); **H01R 24/005** (2013.01 - EP); **Y10T 29/49208** (2015.01 - EP US)

Citation (search report)

See references of WO 2012123265A1

Cited by

EP3680987A1; IT201900000415A1; EP3680987B1

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)

**WO 2012123265 A1 20120920**; CN 103503241 A 20140108; CN 103503241 B 20160817; DE 102012101755 A1 20130328; EP 2686915 A1 20140122; EP 2686915 B1 20150325; ES 2539685 T3 20150703; PL 2686915 T3 20150831; PT 2686915 E 20150720; RU 2013146013 A 20150427; RU 2546961 C1 20150410; US 2014011380 A1 20140109; US 2014366371 A1 20141218; US 8845345 B2 20140930; US 9431748 B2 20160830

DOCDB simple family (application)

**EP 2012053558 W 20120301**; CN 201280013526 A 20120301; DE 102012101755 A 20120302; EP 12707535 A 20120301; ES 12707535 T 20120301; PL 12707535 T 20120301; PT 12707535 T 20120301; RU 2013146013 A 20120301; US 201214005086 A 20120301; US 201414471911 A 20140828