

Title (en)

Electrical connector and connection device for such a connector

Title (de)

Elektrischer Steckverbinder sowie Verbindungseinrichtung für einen solchen Steckverbinder

Title (fr)

Connecteur à fiches électrique et dispositif de liaison pour un tel connecteur à fiches

Publication

**EP 2015403 B1 20170510 (DE)**

Application

**EP 07013728 A 20070712**

Priority

EP 07013728 A 20070712

Abstract (en)

[origin: EP2015403A1] The connector has a connecting device (10) i.e. socket, with a segment (18) for an electrical conductor and another connecting device (12) i.e. plug, with lugs (22) for another electrical conductor. The connecting devices are fitted with each other for electrical contact. A coupling device electrically couples a component (14) with another component (16) of the connecting devices. The components are moved with each other in radial and/or axial directions. Limiting devices (24, 25) limit a relative motion of the components in the radial direction at a preset dimension.

IPC 8 full level

**H01R 13/05** (2006.01); **H01R 13/11** (2006.01); **H01R 13/631** (2006.01)

CPC (source: EP US)

**H01R 13/052** (2013.01 - EP US); **H01R 13/111** (2013.01 - EP US); **H01R 13/6315** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2015403 A1 20090114**; **EP 2015403 B1 20170510**; JP 2009026757 A 20090205; JP 5214354 B2 20130619; US 2009075508 A1 20090319; US 8070502 B2 20111206

DOCDB simple family (application)

**EP 07013728 A 20070712**; JP 2008182540 A 20080714; US 17272608 A 20080714