

Title (en)

Electric connection device with a retainer for positioning a contact field in an first state

Title (de)

Elektrische Anschlussvorrichtung mit einem Rückhaltemittel zur Positionierung einer Kontaktfeder in einem Grundzustand

Title (fr)

Dispositif de raccordement électrique doté d'un moyen de retenue pour le positionnement d'un ressort de contact dans un état de base

Publication

**EP 2530784 B1 20180530 (DE)**

Application

**EP 11168281 A 20110531**

Priority

EP 11168281 A 20110531

Abstract (en)

[origin: EP2530784A1] The electrical connection device (10) has a connection device that comprises a spring cage (2) provided with a contact spring (21) and a contact area opposite the contact spring. A retaining unit (3) is switchable from a base state into an assembly state. The electrical conductor is inserted into spring cage during base state. The contact spring is made to clamp electrical conductor during assembly state. The retaining unit is movably arranged between contact area and contact spring during base state. An independent claim is included for method for connecting an electrical conductor to the electrical connection device.

IPC 8 full level

**H01R 4/48** (2006.01); **H01R 13/04** (2006.01)

CPC (source: EP)

**H01R 4/4821** (2023.08); **H01R 13/04** (2013.01)

Cited by

CN104466480A; CN112740482A; US11799215B2; WO2020064804A1; WO2021254551A1; EP3662538B1

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)

**EP 2530784 A1 20121205; EP 2530784 B1 20180530**; BR 112013029718 A2 20170124; BR 112013029718 B1 20201208; CN 103563175 A 20140205; CN 103563175 B 20161109; ES 2683892 T3 20180928; JP 2014515547 A 20140630; JP 5933697 B2 20160615; PT 2530784 T 20181004; TR 201810429 T4 20180827; WO 2012163692 A1 20121206

DOCDB simple family (application)

**EP 11168281 A 20110531**; BR 112013029718 A 20120518; CN 201280026124 A 20120518; EP 2012059245 W 20120518; ES 11168281 T 20110531; JP 2014513110 A 20120518; PT 11168281 T 20110531; TR 201810429 T 20110531