

Title (en)

Electric connector device for hermaphroditic contacts

Title (de)

Elektrische Anschlussvorrichtung für Zwitter-Kontakt

Title (fr)

Dispositif connecteur électrique pour contacts hermaphrodites

Publication

**EP 1965470 B1 20110420 (FR)**

Application

**EP 08300089 A 20080212**

Priority

FR 0753627 A 20070302

Abstract (en)

[origin: EP1965470A1] The contact (10) has a body extended by arms (10b-10c) with an elastic deformation capacity. Extremity sections (10b1, 10c1) of the arms are established under a harpoon form by constituting a hooking zone via notches (10b2) with a tip form of a conical configuration. The body has a cylindrical tubular extension (10d) to receive a denuded extremity of an electrical wire. The body has a ring (10e) with diameter that is higher than extension diameter. A connection ring has tubular cases around a channel to allow a metal-metal contact with the arms, where the cases are made of metallic material. An independent claim is also included for a tool for dismounting a hermaphroditic contact in an electric connector device.

IPC 8 full level

**H01R 13/28** (2006.01); **H01R 13/432** (2006.01); **H01R 24/84** (2011.01); **H01R 43/22** (2006.01)

CPC (source: EP)

**H01R 13/28** (2013.01); **H01R 13/432** (2013.01); **H01R 43/22** (2013.01)

Cited by

DE102016114179A1; GB2580376A; WO2018024462A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1965470 A1 20080903**; **EP 1965470 B1 20110420**; AT E506716 T1 20110515; DE 602008006285 D1 20110601; ES 2364874 T3 20110915; FR 2913287 A1 20080905; FR 2913287 B1 20090501

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