

Title (en)

CONNECTING TERMINAL AND METHOD FOR FITTING A CONNECTING TERMINAL

Title (de)

VERBINDUNGSKLEMME UND VERFAHREN ZUR MONTAGE EINER VERBINDUNGSKLEMME

Title (fr)

BORNE DE CONNEXION ET PROCÉDÉ DE MONTAGE D'UNE BORNE DE CONNEXION

Publication

EP 3238306 B1 20190515 (DE)

Application

EP 15826021 A 20151217

Priority

- DE 102014119421 A 20141222
- EP 2015080310 W 20151217

Abstract (en)

[origin: WO2016102322A1] The invention relates to a connecting terminal (100) for connecting at least two electrical conductors to one another, wherein the connecting terminal (100) has at least two separate housing parts (1, 2) which are mechanically connected to one another and each have a conductor insertion opening (10, 20) for at least one electrical conductor which is to be connected on opposite housing sides, wherein there is a first spring-force clamping connection (31, 120) for making electrical contact with a first electrical conductor in a first housing part (1) of the at least two separate housing parts (1, 2), and there is a second spring-force clamping connection (32, 220) for making electrical contact with the second electrical conductor in the second housing part (2) of the at least two separate housing parts (1, 2). The invention also relates to a method for fitting a connecting terminal (100) for connecting at least two electrical conductors.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 13/506** (2006.01); **H01R 13/508** (2006.01)

CPC (source: CN EP US)

H01R 4/28 (2013.01 - US); **H01R 4/4821** (2023.08 - CN EP); **H01R 4/48365** (2023.08 - US); **H01R 4/484** (2023.08 - CN EP); **H01R 4/48455** (2023.08 - US); **H01R 4/52** (2013.01 - US); **H01R 13/506** (2013.01 - CN EP US); **H01R 13/508** (2013.01 - CN EP US); **H01R 4/483** (2023.08 - CN EP); **H01R 4/485** (2023.08 - CN EP); **H01R 4/4852** (2023.08 - CN EP); **H01R 12/88** (2013.01 - US)

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 102014119421 A1 20160623; **DE 102014119421 B4 20170202**; CN 107112648 A 20170829; CN 107112648 B 20190611; CN 110148842 A 20190820; CN 110148842 B 20211026; CN 110148843 A 20190820; CN 110148843 B 20211026; EP 3238306 A1 20171101; EP 3238306 B1 20190515; US 10033119 B2 20180724; US 2017331200 A1 20171116; WO 2016102322 A1 20160630

DOCDB simple family (application)

DE 102014119421 A 20141222; CN 201580062470 A 20151217; CN 201910402288 A 20151217; CN 201910406149 A 20151217; EP 15826021 A 20151217; EP 2015080310 W 20151217; US 201515525857 A 20151217