

Title (en)
ELECTRIC TERMINAL

Title (de)
ELEKTRISCHE ANSCHLUSSKLEMME

Title (fr)
BORNE ÉLECTRIQUE DE RACCORDEMENT

Publication
EP 2724420 B1 20171108 (DE)

Application
EP 12737200 A 20120621

Priority

- DE 102011115637 A 20110621
- EP 2012002617 W 20120621

Abstract (en)
[origin: WO2012175205A1] The invention illustrates and describes an electrical connection terminal having a housing (2), two clamping springs (3, 3') and a current bar (4), wherein a chamber (5) is formed in the housing (2) for receiving the clamping springs (3, 3') and at least one end of the current bar (4) as well as a conductor insertion opening (6) for inserting two conductors, and wherein the clamping springs (3, 3') are arranged next to each other in relation to the longitudinal extension of the current bar (4). In the electrical connection terminal (1) according to the invention, the clamping springs (3, 3') comprise each a clamping limb (7), an operating limb (8) and a back (9) which connects the two limbs (7, 8) to one another, wherein the clamping limbs (7), together with the current bar (4), form in each case a clamping point for a stripped conductor that is to be connected. Moreover, a spring receptacle (10) is provided within the chamber (5), which has a partition (11), the two clamping springs (3, 3') being disposed on a respective side of the partition (11).

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP US)
H01R 4/48275 (2023.08 - EP US); **H01R 13/627** (2013.01 - US); **H01R 43/20** (2013.01 - US); **H01R 9/26** (2013.01 - EP US);
Y10T 29/49208 (2015.01 - EP 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 102011115637 A1 20121227; DE 102011115637 B4 20140327; CN 103608971 A 20140226; CN 103608971 B 20160706;
EP 2724420 A1 20140430; EP 2724420 B1 20171108; JP 2014517491 A 20140717; JP 5762631 B2 20150812; US 2014127932 A1 20140508;
US 9083115 B2 20150714; WO 2012175205 A1 20121227

DOCDB simple family (application)
DE 102011115637 A 20110621; CN 201280030519 A 20120621; EP 12737200 A 20120621; EP 2012002617 W 20120621;
JP 2014516224 A 20120621; US 201214128005 A 20120621