

Title (en)
CONNECTION TERMINAL FOR A CONTINUOUS ELECTRICAL CONDUCTOR

Title (de)
ANSCHLUSSKLEMME FÜR EINEN DURCHGEHENDEN ELEKTRISCHEN LEITER

Title (fr)
BORNE DE RACCORDEMENT POUR CONDUCTEUR ÉLECTRIQUE CONTINU

Publication
EP 3180817 A1 20170621 (DE)

Application
EP 15749798 A 20150811

Priority
• DE 202014103754 U 20140813
• EP 2015068476 W 20150811

Abstract (en)
[origin: WO2016023908A1] Connection terminal (1) for connecting an electrical device to a continuous electrical conductor (5), in particular a ground conductor, comprising a connector body (2) which has at least one terminal connection (20), comprising a recess (21) which extends in a direction of extension (43) of the electrical conductor (5), and comprising a holding means (31) which is provided for at least partial closing of the recess (21), wherein the holding means is reversibly adjustable from an open position (O), in which the electrical conductor (5) can be inserted into the recess (21), into a closed position (G), in which the holding means (31) holds the electrical conductor (5) in the recess (21) in a radial direction (40) around the direction of extension (43), wherein the holding means (31) is provided to be either reversibly rotatable in a direction of rotation (41) around an axis (4) which extends in the direction of extension (41), or reversibly displaceable in a sliding direction which extends transverse to the direction of extension (43), and the terminal connection (20) has clamping means (33) which clamps the electrical conductor (5) and/or the holding means (31) in the closed position (G) of the holding means (31).

IPC 8 full level
H01R 4/40 (2006.01)

CPC (source: CN EP US)
H01R 4/40 (2013.01 - CN EP US); **H01R 12/592** (2013.01 - US); **H01R 13/502** (2013.01 - US); **H01R 13/518** (2013.01 - US);
H01R 9/24 (2013.01 - US)

Citation (search report)
See references of WO 2016023908A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202014103754 U1 201511116; CN 106575826 A 20170419; CN 106575826 B 20190503; DK 3180817 T3 20191216;
EP 3180817 A1 20170621; EP 3180817 B1 20190925; ES 2763106 T3 20200527; HU E046735 T2 20200330; JP 2017524234 A 20170824;
JP 6697443 B2 20200520; PL 3180817 T3 20200430; PT 3180817 T 20191230; US 2017229790 A1 20170810; US 9972922 B2 20180515;
WO 2016023908 A1 20160218

DOCDB simple family (application)
DE 202014103754 U 20140813; CN 201580043245 A 20150811; DK 15749798 T 20150811; EP 15749798 A 20150811;
EP 2015068476 W 20150811; ES 15749798 T 20150811; HU E15749798 A 20150811; JP 2017507769 A 20150811; PL 15749798 T 20150811;
PT 15749798 T 20150811; US 201515502691 A 20150811