

Title (en)

FREELY TRANSLATABLE ELECTRICAL CONNECTION DEVICE HAVING PROTECTION AGAINST DAMAGE FROM FOREIGN BODIES

Title (de)

FREI VERSCHIEBBARE ELEKTRISCHE VERBINDUNGSVORRICHTUNG MIT SCHUTZ GEGEN SCHÄDEN DURCH FREMDKÖRPER

Title (fr)

DISPOSITIF DE CONNEXION ÉLECTRIQUE LIBRE EN TRANSLATION AVEC PROTECTION CONTRE LES DOMMAGES PAR CORPS ÉTRANGERS

Publication

**EP 3323170 A1 20180523 (FR)**

Application

**EP 16748334 A 20160708**

Priority

- FR 1556708 A 20150716
- FR 2016051746 W 20160708

Abstract (en)

[origin: WO2017009558A1] The invention relates to an electrical connection device (100) including a terminal block (10) suitable for connecting to a lug of an electrical cable. The terminal block (10) comprises a locking sleeve (3) suitable for securing the lug so as to enable relative translation between the terminal block (10) and the lug. The sleeve (3) comprises a first portion (1) and a second portion (2), as well as a pivot element (13, 14) configured such that the first and second portions (1, 2) pivot relative to one another. The pivot element comprises a pin (14) which is connected to the second portion (2) and inserted in the first portion (1) on the side of the first portion (1) substantially opposite the side of the first portion (1) facing the second portion (2). Advantageously, the relative rotational movement is also enabled. A busbar is preferably connected to the terminal block.

IPC 8 full level

**H01R 4/40** (2006.01); **H01R 11/22** (2006.01)

CPC (source: EP US)

**H01R 4/40** (2013.01 - EP US); **H01R 11/22** (2013.01 - EP US); **H01R 24/28** (2013.01 - US); **H01R 9/223** (2013.01 - EP)

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)

**WO 2017009558 A1 20170119**; CN 107851909 A 20180327; EP 3323170 A1 20180523; EP 3323170 B1 20200129; FR 3039009 A1 20170120; FR 3039009 B1 20190621; US 10084248 B2 20180925; US 2018212346 A1 20180726

DOCDB simple family (application)

**FR 2016051746 W 20160708**; CN 201680041703 A 20160708; EP 16748334 A 20160708; FR 1556708 A 20150716; US 201615744907 A 20160708