

Title (en)

CONNECTION TERMINAL STAGE, AND ELECTRIC MACHINE

Title (de)

ANSCHLUSSKLEMMENSTUFE UND ELEKTRISCHE MASCHINE

Title (fr)

ÉTAGE DE BORNE DE CONNEXION, ET MACHINE ÉLECTRIQUE

Publication

EP 3477779 A1 20190501 (EN)

Application

EP 18790814 A 20180220

Priority

- JP 2017085942 A 20170425
- JP 2018005883 W 20180220

Abstract (en)

A housing (15) includes a first surface (41) having a step (d) and a second surface (42) . When a ferrule terminal (18) is inserted, an abutting portion (44) of electrical wire insertion holes (21) and (24) abuts with a tapered surface (19) of a collar portion (17) to inhibit further insertion. The height of the step (d) is set such that, in this state, a proximal end of the collar portion (17) is located between the first surface (41) and the second surface (42).

IPC 8 full level

H01R 9/22 (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP US)

H01R 4/4842 (2023.08 - EP US); **H01R 4/4821** (2023.08 - EP US); **H01R 4/485** (2023.08 - EP US); **H01R 9/2475** (2013.01 - EP); **H01R 9/26** (2013.01 - EP); **H01R 11/28** (2013.01 - EP)

Cited by

US11545767B2

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)

EP 3477779 A1 20190501; **EP 3477779 A4 20190731**; **EP 3477779 B1 20231108**; CN 109478733 A 20190315; CN 109478733 B 20200728; JP 6583585 B2 20191002; JP WO2018198497 A1 20190627; WO 2018198497 A1 20181101

DOCDB simple family (application)

EP 18790814 A 20180220; CN 201880002903 A 20180220; JP 2018005883 W 20180220; JP 2019515115 A 20180220