

Title (en)

CONNECTION DEVICE FOR CONNECTING A CONDUCTOR END

Title (de)

ANSCHLUSSVORRICHTUNG ZUM ANSCHLUSS EINES LEITERENDES

Title (fr)

DISPOSITIF DE CONNEXION SERVANT À CONNECTER L'EXTRÉMITÉ D'UN CONDUCTEUR

Publication

EP 3718172 B1 20240612 (DE)

Application

EP 18807617 A 20181121

Priority

- DE 202017107202 U 20171128
- EP 2018082078 W 20181121

Abstract (en)

[origin: WO2019105826A1] Connection device for connecting a conductor end (3), which has a housing (1) and, in the housing (1), a busbar section (6), a clamping spring arrangement (4) and a rotary lever arrangement (5), wherein the clamping spring arrangement (4) can be rotated, with the aid of the rotary lever arrangement (5), from an open position into a contact position in which the conductor end (3) is contacted, wherein the rotary lever arrangement (5) and the clamping spring arrangement (4) have the same direction of rotation (DR) upon rotation from the open position into the contact position.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 9/24** (2006.01); **H01R 9/26** (2006.01)

CPC (source: EP US)

H01R 4/483 (2023.08 - EP US); **H01R 11/09** (2013.01 - US); **H01R 4/4821** (2023.08 - EP US); **H01R 4/4837** (2023.08 - EP US); **H01R 4/485** (2023.08 - EP US); **H01R 9/2416** (2013.01 - EP); **H01R 9/26** (2013.01 - EP)

Citation (examination)

- DE 69703829 T2 20010719 - LEGRAND LIMOGES [FR], et al
- CN 105428914 A 20160323 - CHINA AVIATION OPTICAL-ELECTRICAL TECH CO LTD

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 202017107202 U1 20190404; CN 111386631 A 20200707; CN 111386631 B 20220923; EP 3718172 A1 20201007; EP 3718172 B1 20240612; US 11424558 B2 20220823; US 2021320437 A1 20211014; WO 2019105826 A1 20190606

DOCDB simple family (application)

DE 202017107202 U 20171128; CN 201880076505 A 20181121; EP 18807617 A 20181121; EP 2018082078 W 20181121; US 201816767038 A 20181121