

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 3718170 B1 20220126 (DE)

Application

EP 18807615 A 20181121

Priority

- DE 202017107208 U 20171128
- EP 2018082074 W 20181121

Abstract (en)

[origin: WO2019105824A1] Connection device for connecting a conductor end (3), which has a housing (1) and, in the housing (1), a busbar portion (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) has a rotary lever element (50) which is mounted in the housing (1) so as to be rotatable in or on a preferably central portion (500) and which has the axis of rotation (D2), and wherein the rotary lever element (50) has an eccentric portion (502) which has a control cam (503) along which the clamping spring arrangement (4) slides during a movement into the end contact position, wherein the eccentric portion (502) engages by way of a guide means, such as by way of a projection or a pin (504) inserted therein or the like, into a slotted link (18) of the housing (1), and wherein a clamping and/or latching means are or is formed on the eccentric portion (502), and wherein the slotted link (18) of the housing (1) is aligned with a slotted link (60) in the busbar portion (6), in which the fixing position for the clamping and/or latching means is formed.

IPC 8 full level

H01R 4/48 (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 9/26** (2013.01 - EP)

Cited by

CN116928535A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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