

Title (en)

CONNECTION ARRANGEMENT, CONNECTION CLAMP AND ELECTRONIC DEVICE

Title (de)

ANSCHLUSSANORDNUNG, ANSCHLUSSKLEMME UND ELEKTRONISCHES GERÄT

Title (fr)

DISPOSITIF DE RACCORDEMENT, PINCE DE RACCORDEMENT ET DISPOSITIF ÉLECTRONIQUE

Publication

EP 4062496 A1 20220928 (DE)

Application

EP 20807676 A 20201110

Priority

- DE 102019131145 A 20191119
- EP 2020081551 W 20201110

Abstract (en)

[origin: WO2021099173A1] The aim of the invention is to provide a connection arrangement (100) for connecting an electrical conductor, comprising a current bar (110), a clamping spring (111) having a retaining leg (112) and a clamping leg (113), the clamping leg (113) being transferable into a clamping position and into a release position, a conductor connection space (124) formed between one section (114) of the current bar (110) and the clamping leg (113) of the clamping spring (111), a displaceably arranged guide element (115) which is in operatively connected to the clamping leg (113) of the clamping spring (111), wherein the clamping leg (113) can be held in the release position by means of the guide element (115), and an actuating element (129), by means of which the guide element (115) can be displaced for transferring the clamping leg (113) of the clamping spring (111) from the clamping position to the release position, the clamping spring (111) being arranged between the section (114) of the current bar (110) and the actuating element (129).

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 4/4833 (2023.08 - EP US); **H01R 4/4835** (2023.08 - EP US); **H01R 4/4821** (2023.08 - EP US)

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 102019131145 A1 20210520; CN 114730995 A 20220708; EP 4062496 A1 20220928; JP 2023505022 A 20230208; JP 7405974 B2 20231226; US 2022407244 A1 20221222; WO 2021099173 A1 20210527

DOCDB simple family (application)

DE 102019131145 A 20191119; CN 202080080235 A 20201110; EP 2020081551 W 20201110; EP 20807676 A 20201110; JP 2022529063 A 20201110; US 202017777298 A 20201110