

Title (en)

CONNECTION UNIT HAVING OPERATING ELEMENTS AND CONDUCTOR CONNECTION OPENINGS WHICH ARE ARRANGED TWO ROWS

Title (de)

ANSCHLUSSEINHEIT MIT IN ZWEI REIHEN ANGEORDNETEN BETÄTIGUNGSELEMENTEN UND LEITERANSCHLUSSÖFFNUNGEN

Title (fr)

UNITÉ DE RACCORDEMENT DOTÉE D'ÉLÉMENTS D'ACTIONNEMENT ET D'OUVERTURES DE RACCORDEMENT DE CONDUCTEUR
AGENCÉS EN DEUX RANGÉES

Publication

EP 4038693 A1 20220810 (DE)

Application

EP 20789527 A 20201002

Priority

- DE 102019126662 A 20191002
- EP 2020077715 W 20201002

Abstract (en)

[origin: WO2021064203A1] The present invention relates to a connection unit (20) having a plurality of connection elements (21, 32) which are arranged next to one another, wherein each connection element (21, 32) has a conductor connection opening (24) for receiving an electrical conductor (26), and an operating element (25, 33) for clamping and/or releasing the electrical conductor (26) in the conductor connection opening (24), the operating elements (25, 33) and the conductor connection openings (24) are arranged on a common side (30) of the connection unit (20), the operating elements (25, 33) and the conductor connection openings (24) of the connection elements (21, 32) are arranged in two rows (29a, 29b) which are spaced apart from one another, and the connection unit (20) has at least one first connection element (21a, 32a), the operating element (25, 33) of which is arranged in a first row (29a) and the conductor connection opening (24) of which is arranged in a second row (29b), and at least one second connection element (21b, 32b), the operating element (25, 33) of which is arranged in the second row (29a) and the conductor connection opening (24) of which is arranged in the first row (29b). The present invention also relates to a connection block having a housing (22) and a plurality of connection elements (21, 32) which are accommodated in the housing (22).

IPC 8 full level

H01R 4/48 (2006.01); **H01R 12/51** (2011.01)

CPC (source: CN EP US)

H01R 4/48365 (2023.08 - CN EP US); **H01R 12/515** (2013.01 - CN 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 102019126662 A1 20210408; CN 114521308 A 20220520; EP 4038693 A1 20220810; US 2022344842 A1 20221027;
WO 2021064203 A1 20210408

DOCDB simple family (application)

DE 102019126662 A 20191002; CN 202080064884 A 20201002; EP 2020077715 W 20201002; EP 20789527 A 20201002;
US 202017765691 A 20201002