Title (en)

TERMINAL DEVICE HAVING A BUSBAR

Title (de)

KLEMMENEINRICHTUNG MIT EINER STROMSCHIENE

Title (fr)

DISPOSITIF DE SERRAGE POURVU D'UNE BARRE CONDUCTRICE

Publication

EP 3207594 A1 20170823 (DE)

Application

EP 15778270 A 20151007

Priority

- DE 102014115048 A 20141016
- EP 2015073152 W 20151007

Abstract (en)

[origin: WO2016058889A1] A terminal device comprises a housing which has at least one slot, a contact part which is arranged at the at least one slot and to which at least one electrical line for making electrical contact with the contact part can be plugged, and at least one busbar which is arranged on the housing and is electrically connected to the contact part and a busbar section of which extends along an elevation line. In this case, provision is made for an end section (21, 22) to adjoin the busbar section (20), which end section extends along an oblique direction (S) at an oblique angle (ß) with respect to the elevation line (L1 - L8) and can be moved relative to the contact part (13) along the elevation line (L1 - L8). This provides a terminal device which makes it possible to compensate for relative positional changes on account of different coefficients of thermal expansion at components of the terminal device in a simple, cost-effective and space-saving manner and makes it possible to ensure a safe, reliable electrical connection between a busbar and associated contact parts at slots.

IPC 8 full level

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

CPC (source: CN EP US)

H01R 4/242 (2013.01 - CN EP US); **H01R 4/48185** (2023.08 - US); **H01R 4/4846** (2023.08 - CN EP); **H01R 9/26** (2013.01 - CN EP US); **H01R 9/2675** (2013.01 - US); H01R 4/4821 (2023.08 - CN EP); H01R 4/485 (2023.08 - CN EP)

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)

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