

Title (en)

CLAMPING UNIT AND CONNECTION DEVICE FOR POWER RAILS HAVING SAID CLAMPING UNIT

Title (de)

SPANNEINHEIT UND VERBINDUNGSEINRICHTUNG FÜR STROMSCHIENEN MIT EINER DERARTIGEN SPANNEINHEIT

Title (fr)

UNITÉ DE SERRAGE ET DISPOSITIF DE RACCORDEMENT POUR BARRES CONDUCTRICES UTILISANT UNE TELLE UNITÉ DE SERRAGE

Publication

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Application

**EP 10748083 A 20100826**

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- EP 2010062499 W 20100826

Abstract (en)

[origin: WO2011039008A1] The invention relates to a connection device for power rails wherein a contact force that is necessary for the electrical connection is achieved by means of a clamping unit (116; 215) between the contact surfaces (108) of at least one contact means (102, 103) and allocated contact sides (113; 313) of a power rail (L1a, L1b, L2a, L2b, L3a, L3b, L4a, L4b, Na, Nb; L1c, L1d) reaching between the contact surfaces. The invention relates in particular to the design of the cited clamping unit (116; 216) which has a tension spring (114; 214) for loading the contacting means (102, 103) with the contact force pressing the contact surfaces (108) to the contact sides (113; 313) and a tension clamp (115; 215) for tensioning the tension spring. In order to simplify assembly of the connection device according to the invention, the tension spring (114; 214) and the tension clamp (115; 215) form a clamping pair that is captively held to one another.

IPC 8 full level

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See references of WO 2011039008A1

Citation (examination)

SIEMENS: "Catalog LV 70 - 2008 Siemens: Bus Bar Trunking Systems / Schienenverteilersysteme", 14 October 2007 (2007-10-14), XP055118298, Retrieved from the Internet <URL:http://siemens.automationjet.com/katalogy/Siemens/e86060-k1870-a101-a3-7600.pdf> [retrieved on 20140515]

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