

Title (en)
Connection device

Title (de)
Anschlusssystem

Title (fr)
Dispositif de raccordement

Publication
EP 1357642 A2 20031029 (DE)

Application
EP 03008684 A 20030416

Priority
DE 10218567 A 20020426

Abstract (en)
The system has a current rail (4), a contact foot (2), a clamp element (3) and a carrying rail (6) with an edge (6A), whereby the clamp element engages behind the edge of the carrying rail and fixes the contact foot onto the carrying rail. The contact foot on the current rail is contacted by a spring-elastic clamp connection. At least one of first and second contact legs (8,12) is spring-elastically clamped in the connection to the current rail. AN Independent claim is also included for a ground conductor with an inventive connection system.

Abstract (de)
Bei einem Anschlusssystem (1) mit einer Stromschiene (4) und einem Kontaktfuß (2, 2') sowie einem Klemmelement (3, 3') und einer Tragschiene (6) mit einem vom Klemmelement (3, 3') hintergriffenen Tragschienenrand (6a) ist zur fertigungstechnischen Vereinfachung der Kontaktfuß (2, 2') mittels einer federelastischen Klemmverbindung an der Stromschiene (4) gehalten. <IMAGE>

IPC 1-7
H01R 9/26

IPC 8 full level
H01R 9/26 (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP US)
H01R 9/2691 (2013.01 - EP US); **H01R 4/48** (2013.01 - EP US); **H01R 9/2608** (2013.01 - EP US)

Citation (applicant)

- EP 0554519 B1 19960918 - WEIDMUELLER INTERFACE [DE]
- DE 7712331 U1 19771117
- DE 19617114 A1 19971023 - KRONE AG [DE]
- DE 19642086 A1 19980409 - WAGO VERWALTUNGS GMBH [DE]

Cited by
KR20170002451U; WO2016008919A1; WO2011003605A1

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