

Title (en)

Rail arrangement for an electrical power source device with mobile electrical connector

Title (de)

Führungsschienenanordnung für die elektrische Stromversorgungsanordnung mit bewegbarer Stromsteckdose

Title (fr)

Ensemble de rails rigides pour dispositifs d'alimentation électrique par prise mobile de courant

Publication

EP 1753096 A3 20080326 (FR)

Application

EP 06360035 A 20060804

Priority

FR 0508521 A 20050811

Abstract (en)

[origin: EP1753096A2] The device has rigid rails (1) presenting curved shaped lateral connection surfaces (4) symmetrical with respect to a longitudinal axis of the rails. A set of conductive connection parts (3) presents an internal section corresponding to the lateral connection surfaces and includes an inner lateral stop unit (5) and connection elements (3', 3'') each presenting curved flanges and connected between them by a screw (6). An internal surface of curved sides of the connection parts is applied against an external surface of the lateral connection surfaces.

IPC 8 full level

H01R 25/14 (2006.01); **H02G 5/00** (2006.01); **H01R 25/16** (2006.01)

CPC (source: EP)

H01R 25/145 (2013.01); **H01R 25/162** (2013.01)

Citation (search report)

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- [Y] US 3826880 A 19740730 - ROSS D
- [A] DE 19755513 A1 19990624 - FAHRLEITUNGSBAU GMBH [DE]
- [A] US 6176711 B1 20010123 - ROEHR MICHAEL [DE], et al
- [A] EP 1424755 A1 20040602 - MITSUBISHI ELECTRIC CORP [JP]
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Cited by

CN102511113A; CN108288787A; WO2014019734A1; US9425568B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1753096 A2 20070214; **EP 1753096 A3 20080326**; **EP 1753096 B1 20121128**; FR 2889773 A1 20070216; FR 2889773 B1 20090320

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