Title (en)

VOLTAGE RAIL

Title (de)

STROMSCHIENE

Title (fr)

RAIL CONDUCTEUR

Publication

EP 0725992 B1 19980826 (EN)

Application

EP 93906907 A 19930317

Priority

- NO 9300044 W 19930317
- NO 921101 A 19920320

Abstract (en)

[origin: WO9319506A1] A voltage rail (1) comprises an insulated back wall, and a front wall spaced in a distance from said back wall, and a number of conducting paths (2a, 2b, 2c, 2d, 3) which at least in part are situated in parallel longitudinal extending cavities between the back and the front wall. An adapter (14) for use with this voltage rail (1) comprises contact elements (16) connected to a mount which is rotatable relative to the rail (1), so that contact elements (16) can be brought located in the cavities for the paths (2a, 2c) of the rail in a first position where they are not in contact with the paths (2a, 2c). This mount is adapted to be rotated to a second position where the contact elements (17) come in contact with the paths (2a, 2c). A packing body (4) is located in the cavity and has an outer shape corresponding to the profile of the cavity. The packing body is able to move away from the contact elements (17) when these are introduced into the cavity and caused to move into position in contact with the paths (2a, 2c). The adapter (14) may be connected to a cable (32) and equipped with an isolating house (15) for forming a plug (31).

IPC 1-7

H02G 5/04; H01R 25/14

IPC 8 full level

H01R 25/14 (2006.01); H01R 35/00 (2006.01)

CPC (source: EP)

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Cited by

US10186801B2; WO2023277323A1; US9847636B2; US9912100B2; US10128653B2

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