

Title (en)

RAILS FOR THE ELECTRICAL CONNECTION OF APPARATUS

Publication

**EP 0422568 A3 19911218 (DE)**

Application

**EP 90119274 A 19901008**

Priority

DE 3933703 A 19891009

Abstract (en)

[origin: EP0422568A2] The invention relates to a busbar (1) for making electrical contact with electrical apparatuses (47), consisting of a flat, elongated electrically insulating plastic profile (2) in which there are embedded, in the longitudinal direction, electrically conductive rigid conductors (5, 6, 7, 8, 9) which are completely surrounded by plastic material, the plastic profile (2) having groove-shaped recesses (3), which originate from a main surface, are spaced apart from one another, run at right angles to the longitudinal axis (30) of said profile and in each case expose the conductors over the width of the recess (3), which conductors make contact with contact elements (49, 50, 51, 52, 53) arranged on the apparatus and lined up with the conductors (5, 6, 7, 8, 9) when the apparatus (47) is fitted. In particular, the busbar (1) with additional signal lines is used within supporting rails (46) for snapping apparatuses (47) which require a signal line onto snap holders (56, 56'). <IMAGE>

IPC 1-7

**H01R 25/14**

IPC 8 full level

**H01R 25/14** (2006.01); **H01R 25/16** (2006.01)

CPC (source: EP)

**H01R 25/14** (2013.01)

Citation (search report)

- [A] US 3308416 A 19670307 - BOYD DEAN M
- [AD] DE 2705283 A1 19780817 - POELLET WILFRIED
- [A] GB 2166914 A 19860514 - WEIDMUELLER C A GMBH CO

Cited by

US6142592A; WO03023908A1

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**EP 0422568 A2 19910417; EP 0422568 A3 19911218; EP 0422568 B1 19950614**; DE 3933703 A1 19910418; DE 3933703 C2 19910801; DE 59009234 D1 19950720; ES 2078281 T3 19951216

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