

Title (en)

Rail for supplying current to mobile electrical appliances.

Title (de)

Stromschiene für die Stromversorgung von beweglichen Stromverbrauchern.

Title (fr)

Rail pour l'alimentation d'appareils électriques mobiles.

Publication

**EP 0543039 B1 19950419 (DE)**

Application

**EP 91119787 A 19911119**

Priority

EP 91119787 A 19911119

Abstract (en)

[origin: EP0543039A1] A rail for supplying current to mobile electrical appliances, having a current pick-off which can be moved along the rail, consists of a metal profile (1) having an open cross-section and of an essentially U-shaped insulating profile (2) which holds the metal profile (1) and consists of plastic. The metal profile (1) has a sliding surface (4) between the two U-flanges (3) of the insulating profile (2), and a connector connecting surface (6) in a rail longitudinal cavity (5) on the side facing away from the sliding surface (4). According to the invention, the insulating profile (2) which is extruded onto the metal profile (1) is composed of a different plastic (7), especially polyethylene, from the rest of the insulating profile (which consists especially of hard polyvinyl chloride) in the region of the sliding surface (4) and/or of the connector connecting surface (6). The polyethylene strips (7) in the region of the sliding surface (4) and of the connector connecting surface (6) can be relatively easily removed.

<IMAGE>

IPC 1-7

**H01R 25/14**

IPC 8 full level

**H01R 25/14** (2006.01)

CPC (source: EP)

**H01R 25/14** (2013.01)

Cited by

DE19833010A1; DE19755513A1; DE19755513C2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0543039 A1 19930526; EP 0543039 B1 19950419**; AT E121575 T1 19950515; DE 59105279 D1 19950524; DK 0543039 T3 19950703; ES 2071193 T3 19950616

DOCDB simple family (application)

**EP 91119787 A 19911119**; AT 91119787 T 19911119; DE 59105279 T 19911119; DK 91119787 T 19911119; ES 91119787 T 19911119