

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 0544031 B1 19950712 (DE)

Application

EP 91120245 A 19911127

Priority

EP 91120245 A 19911127

Abstract (en)

[origin: EP0544031A1] A rail for supplying current to mobile electrical appliances having current pick-offs which can move along the rail, consisting of a metallic hollow profile (1) with a sliding surface (2) and of a plastic, essentially U-shaped insulating profile (3) which holds the hollow profile (1). The hollow profile (1) is constructed from a formed metal strip (4) and, on both sides of the sliding surface (2), it has in each case one web arrangement (5) which runs parallel to the other and is gripped by the respectively allocated free end (6) of the insulating profile (3). Such a rail can be produced at a reduced material cost without having to accept technical/operational disadvantages, if the web arrangements (5) in each case consist of a row of tongues (7) which are formed by incisions (8) in the metal strip (4) and are pulled out therefrom. <IMAGE>

IPC 1-7

H01R 25/14

IPC 8 full level

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CPC (source: EP)

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Cited by

US7585175B2; USRE45456E; WO2004055951A1

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EP 0544031 A1 19930602; EP 0544031 B1 19950712; AT E125070 T1 19950715; DE 59105991 D1 19950817; DK 0544031 T3 19950821; ES 2074636 T3 19950916

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