

Title (en)
ELECTRIC BUS BAR, THE USE THEREOF AND A METHOD FOR PRODUCING THE SAME

Title (de)
ELEKTRISCHE STROMSCHIENE, DEREN VERWENDUNG UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
RAIL CONDUCTEUR ELECTRIQUE, SON UTILISATION ET PROCEDE POUR SA FABRICATION

Publication
EP 1320910 A1 20030625 (DE)

Application
EP 01958026 A 20010727

Priority
• DE 10048680 A 20000930
• EP 0108685 W 20010727

Abstract (en)
[origin: WO0229939A1] The invention relates to an electric conductor structure of the bus bar (11) type, for low to medium current magnitudes. Said structure can be produced in an extremely cost-effective manner with versatile cross-sectional forms, by a multi-component extrusion process. According to said process, a support body (12) consisting of a plastic that cannot be electroplated and conductor strips (17) consisting of a plastic that can be electroplated, which run along and are set in longitudinal grooves (15), are extruded in a single operation. Inevitably, during a subsequent electroplating process, only the exposed surfaces of the conductor strips are metallised for carrying current.

IPC 1-7
H01R 25/14; **H01R 13/03**

IPC 8 full level
H01B 5/14 (2006.01); **H01B 13/00** (2006.01); **H01R 13/03** (2006.01); **H01R 25/14** (2006.01)

CPC (source: EP US)
H01R 13/035 (2013.01 - EP US); **H01R 25/14** (2013.01 - EP US)

Citation (search report)
See references of WO 0229939A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0229939 A1 20020411; DE 10048680 C1 20020425; EP 1320910 A1 20030625; JP 2004512634 A 20040422; US 2004038567 A1 20040226; US 6790059 B2 20040914

DOCDB simple family (application)
EP 0108685 W 20010727; DE 10048680 A 20000930; EP 01958026 A 20010727; JP 2002533443 A 20010727; US 38187603 A 20030827