

Title (en)
Current bar

Title (de)
Stromschiene

Title (fr)
Rail conducteur

Publication
EP 2650981 B1 20161109 (DE)

Application
EP 13401020 A 20130306

Priority
DE 102012007083 A 20120411

Abstract (en)
[origin: EP2650981A1] The bus bar (1) has a protective conductor (9) located at floor wall of bus bar and exposed in retaining channel (2). The conductors (10,11) are insulated from side pairs of respective conductors (5-8) and arranged between each conductor pair held in support rail (3). The conductors are transversely opposite to one another. Both conductors on side walls are exposed in retaining channel. The conductors are used as control conductors for electrical or electronic controller, or additional supply conductor for other electrical load.

IPC 8 full level
H01R 25/14 (2006.01)

CPC (source: EP RU US)
H01R 25/14 (2013.01 - EP RU US); **H01R 25/142** (2013.01 - EP US)

Citation (examination)
US 4919625 A 19900424 - COUTRE LEONARD J [US]

Citation (opposition)
Opponent : Oy Lival Ab
• US 3531758 A 19700929 - BLUMKIN LEON
• GB 2350496 A 20001129 - NORDIC ALUMINIUM OYJ [FI]
• US 3760133 A 19730918 - HOWARD J
• US 3848715 A 19741119 - HESSE K
• EP 0015356 A1 19800917 - ZUCCHINI SPA FLLI [IT]
• US 4919625 A 19900424 - COUTRE LEONARD J [US]
• DE 2250738 A1 19740418 - HOFFMEISTER LEUCHTEN KG

Cited by
CN106684629A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2650981 A1 20131016; EP 2650981 B1 20161109; AU 2013202571 A1 20131031; AU 2013202571 B2 20170330;
CN 103378520 A 20131030; CN 103378520 B 20170301; DE 102012007083 A1 20131017; DE 102012007083 B4 20131212;
DE 202013012129 U1 20150603; DE 202013012130 U1 20150603; DE 202013012139 U1 20150506; DK 2650981 T3 20170206;
ES 2614271 T3 20170530; PL 2650981 T3 20170531; RU 2013113970 A 20141010; RU 2633515 C2 20171013; US 2013273758 A1 20131017;
US 8968011 B2 20150303

DOCDB simple family (application)
EP 13401020 A 20130306; AU 2013202571 A 20130405; CN 201310124307 A 20130411; DE 102012007083 A 20120411;
DE 202013012129 U 20130306; DE 202013012130 U 20130306; DE 202013012139 U 20130306; DK 13401020 T 20130306;
ES 13401020 T 20130306; PL 13401020 T 20130306; RU 2013113970 A 20130328; US 201313859567 A 20130409