

Title (en)

ASSEMBLY INCLUDING A BATTERY AND A CONDUCTOR CONNECTED BY A STUD, IN PARTICULAR A STUD EXTENDING THROUGH A WALL

Title (de)

ZUSAMMENBAU EINER BATTERIE UND LEITER VERBUNDEN MIT EINEM STIFT INSBESONDERE DURCHLAUFEND EINER TRENNWAND

Title (fr)

ASSEMBLAGE COMPORTANT UNE BATTERIE ET UN CONDUCTEUR RELIES PAR UN PLOT, NOTAMMENT TRAVERSANT UNE CLOISON

Publication

EP 2220724 B1 20110810 (FR)

Application

EP 08872152 A 20081203

Priority

- FR 2008001684 W 20081203
- FR 0709010 A 20071221

Abstract (en)

[origin: FR2925773A1] The assembly has an electrical connection system formed of stud (3), rod (4) and a flange (5) for electrically connecting a conductor i.e. rigid bar (1) and a battery. The rod and the flange pass through a partition. The conductor is made of rigid material e.g. aluminum, and the rod and the flange are perpendicular to the rigid bar. The rod and the flange are fixed to the bar by ultrasonic or friction welding. The conductor has a flat part (2) at its end, where the rod and the flange are welded on the flat part. The rod is made of hard material e.g. aluminum, and the flange is made of copper.

IPC 8 full level

H01R 4/02 (2006.01); **B60R 16/03** (2006.01); **H01R 4/58** (2006.01)

CPC (source: EP)

H01R 4/029 (2013.01); **H01R 11/26** (2013.01); **H01R 11/287** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2925773 A1 20090626; **FR 2925773 B1 20100312**; AT E520169 T1 20110815; EP 2220724 A2 20100825; EP 2220724 B1 20110810; WO 2009098412 A2 20090813; WO 2009098412 A3 20091008

DOCDB simple family (application)

FR 0709010 A 20071221; AT 08872152 T 20081203; EP 08872152 A 20081203; FR 2008001684 W 20081203