

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

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