

Title (en)

AN ELECTRICAL CONNECTOR DEVICE FOR A MOTOR VEHICLE AND A VEHICLE WITH SUCH AN ELECTRICAL CONNECTOR DEVICE

Title (de)

ELEKTRISCHE VERBINDEINRICHTUNG FÜR EIN KRAFTFAHRZEUG UND FAHRZEUG MIT EINER SOLCHEN ELEKTRISCHEN VERBINDEINRICHTUNG

Title (fr)

DISPOSITIF CONNECTEUR ELECTRIQUE DESTINE A UN VEHICULE A MOTEUR ET VEHICULE POURVU QUE CE DISPOSITIF

Publication

**EP 1891705 A4 20120201 (EN)**

Application

**EP 06747803 A 20060524**

Priority

- SE 2006000609 W 20060524
- SE 0501298 A 20050603

Abstract (en)

[origin: WO2006130071A1] The invention concerns an electrical connector device (4) for a motor vehicle, comprising a housing (7) made of an electrically insulating material with a cavity (6) formed therein and with a terminal (5) mounted inside the cavity, where the terminal is adapted for connection to a battery terminal, wherein said terminal (5) is longitudinal and mounted transverse to a cavity opening formed in the housing (7) such that said terminal (5) is externally accessible through the cavity opening. With an electrical connector device according to the invention, it is possible to connect an external power supply to the vehicle battery without direct access to the battery. This is advantageous when the batteries are difficult to access. The connection may be established with conventional power connector cables. Moreover, by providing a terminal in a cavity, a firm grip by a power connector cable (i.e. an alligator clip) may be ensured as the cavity provides an electrical insulation from the vehicle frame and protects against intermittent contact between an object and the terminal.

IPC 8 full level

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Citation (search report)

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- See also references of WO 2006130071A1

Designated contracting state (EPC)

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