

Title (en)

GROUND POWER SUPPLY SYSTEM FOR ELECTRIC VEHICLE

Title (de)

BODENSTROMVERSORGUNG FÜR ELEKTRISCHES FAHRZEUG

Title (fr)

SYSTEME D'ALIMENTATION, ELECTRIQUE PAR LE SOL POUR VEHICULE ELECTRIQUE

Publication

EP 1802485 A1 20070704 (FR)

Application

EP 05805761 A 20050921

Priority

- FR 2005002338 W 20050921
- FR 0410356 A 20040930

Abstract (en)

[origin: WO2006035139A1] The inventive power supply system (1) comprises a ground placed power supply device (2) provided with at least one linear supply wire (7) connected to a voltage supply, a rail (6) comprising at least one zero reset conductor strip (8) and at least one protective profile in a flat L-shaped position profile masking the conductor wire. Said system also comprises an on-board current sensing device (3) comprising at least one movable sensing subassembly (38) comprising a power sliding contactor (41) and a zero volts sliding contactor (42) which are electrically connected to the vehicle load circuits and used for slidingly contacting the supply wire and the a zero reset conductor strip. Said invention is useful for manufacturers of public transport vehicles and the lines therefor.

IPC 8 full level

B60L 5/40 (2006.01); **B60M 1/34** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2006035139A1

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