

Title (en)

METHOD FOR DETECTING A DISCONNECTION OF A POWER SUPPLY BATTERY OF A MOTOR VEHICLE

Title (de)

VERFAHREN ZUR ERKENNUNG DER ABSCHALTUNG EINER STROMVERSORGUNGSBATTERIE EINES KRAFTFAHRZEUGS

Title (fr)

PROCEDE DE DETECTION D'UNE DECONNEXION DE BATTERIE D'ALIMENTATION D'UN VEHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2015025089A1] The invention proposes a method for detecting a disconnection of an electric battery (10) in a system provided with two electrical networks interconnected by a DC/DC voltage converter (4). The battery (10) belongs to one of the two networks (2), and the converter (4) is configured to recharge the battery (2). The method involves adding a predefined voltage signal (Uvar) to a continuous voltage component (Us) delivered by the converter (4) to the network (2) comprising the battery (10), and measuring the current (I) passing through the battery (10), searching for a current signal (Ialternatif) therein that corresponds to the added voltage signal (Uvar), in order to check that the battery (10) is correctly connected to the network (2).

IPC 8 full level

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See references of WO 2015025089A1

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