

Title (en)

MONITORING THE STATUS OF A LOW-VOLTAGE RECHARGEABLE BATTERY OF A VEHICLE HAVING AN ELECTRIC POWER TRAIN

Title (de)

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Title (fr)

SURVEILLANCE DE L'ÉTAT D'UNE BATTERIE DE SERVITUDE D'UN VÉHICULE À GMP ÉLECTRIQUE

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Application

EP 21830460 A 20211130

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Abstract (en)

[origin: WO2022148915A1] Disclosed is a monitoring device (DS) fitted to a vehicle (V) comprising an electric power train and an on-board network (RB) supplied with electrical energy by a power supply unit comprising a low-voltage rechargeable battery (BS) and at least one electric power generator (GE). The device (DS) comprises a processor (PR) and a memory performing operations which consist in, when the electric power train is started, triggering the isolation of the low-voltage rechargeable battery (BS) of the electric power generator (GE), triggering a test of the low-voltage rechargeable battery (BS) to determine an average minimum voltage at its terminals and an average internal resistance, and then determining the state of the low-voltage rechargeable battery (BS) according to the determined mean minimum voltage and average internal resistance.

IPC 8 full level

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CPC (source: EP)

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