

Title (en)

CONTROLLING MODE 4 CHARGING OF A VEHICLE BATTERY

Title (de)

STEUERUNG DES MODUS 4 DES LADENS EINER FAHRZEUGBATTERIE

Title (fr)

CONTRÔLE DE LA RECHARGE EN MODE 4 D'UNE BATTERIE DE VÉHICULE

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Application

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Abstract (en)

[origin: WO2023031529A1] The invention relates to a method for controlling mode 4 charging of a battery of a vehicle supplying electrical systems and temporarily coupled to a power source delivering a DC charging current and defined by a current setpoint. This method comprises a step (10-40) in which at least one input voltage resulting from the charging current and measured between a first input terminal of the vehicle temporarily coupled to the power source and a second input terminal of the vehicle temporarily coupled to the power source or a terminal of the battery is compared with a chosen threshold, and, when this input voltage is greater than the threshold for a selected time period, at least one new current setpoint, which is lower than the previous current setpoint, is transmitted to the power source so that it supplies at least one new charging current that is lower than the previous charging current.

IPC 8 full level

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