

Title (en)

METHOD FOR CONTROLLING AN OUTPUT POWER OF A BATTERY DEVICE AND AN OPERATING POWER OF A FUEL CELL SYSTEM

Title (de)

KONTROLLVERFAHREN FÜR EINE KONTROLLE EINER ABGABELEISTUNG EINER BATTERIEVORRICHTUNG UND EINER BETRIEBSLEISTUNG EINES BRENNSTOFFZELLENSYSTEMS

Title (fr)

PROCÉDÉ DE CONTRÔLE POUR CONTRÔLER UNE PUISSANCE DE SORTIE D'UN ENSEMBLE BATTERIE ET UNE PUISSANCE DE FONCTIONNEMENT D'UN SYSTÈME DE PILE À COMBUSTIBLE

Publication

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Application

**EP 22776855 A 20220809**

Priority

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Abstract (en)

[origin: WO2023015329A1] The present invention relates to a method for controlling an output power (AL) of a battery device (110) and an operating power (BL) of a fuel cell system (120) for an electric drive device (130) of a hybrid drive system (100), characterised by the following steps: - measuring and storing the operating power (BL) of the fuel cell system (120) over a measuring period (EZ), - measuring and storing the output power (AL) of the battery device (110) over a measuring period (EZ), - determining a battery damage prediction (BASP) at least on the basis of the measured and stored output power (AL) of the battery device (110), - determining a fuel cell damage prediction (BZSP) at least on the basis of the measured and stored operating power (BL) of the fuel cell system (120), - specifying a target output power (SAL) for the battery device (110) on the basis of the determined battery damage prediction (BASP), - specifying a target operating power (SBL) for the fuel cell system (120) on the basis of the determined fuel cell damage prediction (BZSP).

IPC 8 full level

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