Title (en)

METHOD FOR MONITORING THE DISCHARGE OF THE ELECTRIC BATTERY OF A HYBRID VEHICLE FOR DRIVING IN A CONTROLLED-TRAFFIC ZONE

Title (de)

VERFAHREN ZUR ÜBERWACHUNG DER ENTLADUNG DER ELEKTRISCHEN BATTERIE EINES HYBRIDFAHRZEUGS ZUM ANTRIEB IN EINER ZONE MIT KONTROLLIERTEM VERKEHR

Title (fr)

PROCÉDÉ DE CONTRÔLE DE LA DÉCHARGE DE L'ACCUMULATEUR ÉLECTRIQUE D'UN VÉHICULE HYBRIDE POUR LE ROULAGE DANS UNE ZONE DE CIRCULATION CONTRÔLÉE

Publication

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Application

EP 16727531 A 20160509

Priority

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Abstract (en)

[origin: WO2016193560A1] The present invention relates to a method for monitoring the discharge of an electric battery (BAT) of a hybrid vehicle for executing a planned route (PP) comprising a controlled-traffic zone (ZC) in which access is restricted to electric driving. The method comprises calculating (10) the planned route, and, before executing the planned route, a step of reserving (11) a first available depth of discharge (DOD1) of the battery in order to drive in the traffic zone in accordance with the planned route using only the electric drive mode, and a step (11) of reserving a second available depth of discharge (DOD2) so that the distribution (12) of the torque setpoints is controlled to discharge the second depth (DOD2) over the remaining portion of the route (PR) while operating in the electric and/or heat drive modes, the distribution of the torque setpoints between a heat engine (MTH) and an electric power train (ME) depending only on a torque threshold to the wheels determining the starting and the stopping of the heat engine (MTH), said torque threshold to the wheels being calculated in accordance with the second depth of discharge (DOD2) for executing the remaining portion of the route (PR).

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

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