

Title (en)

METHOD FOR BOOSTING A HYBRID VEHICLE HEAT ENGINE LOW SPEED

Title (de)

HILFSVERFAHREN BEI DER LEERLAUFDREHZAHLREGELUNG EINES HYBRIDFAHRZEUGES

Title (fr)

PROCEDE D'ASSISTANCE POUR UNE FAIBLE VITESSE DU MOTEUR THERMIQUE D'UN VEHICULE HYBRIDE

Publication

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Application

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Abstract (en)

[origin: FR2777231A1] The invention concerns a method for controlling a parallel hybrid motor vehicle comprising a transmission (12) permanently coupled with an electric engine (18) and a heat engine (14) via a clutch (16), said transmission providing an engine torque to the wheels (20), and comprising an electronic module (30), which, depending on the position of an accelerator (34), controls the heat engine (14), the electric engine (18) and the clutch (16). The invention is characterised in that starting from an initial condition wherein the heat engine (14) is running and the clutch (16) disengaged, the electronic module (30) uses a low speed booster mode, in particular for starting, whereby the heat (14) and electric (18) engines supply at least during a first phase thermal (CMT) and electric (CME) torque respectively according to a distribution (alpha) managed by a predefined control law, and whereby the clutch (16) is controlled to be engaged.

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