

Title (en)

METHOD FOR SWITCHING BETWEEN TRANSMISSION MODES IN A HYBRID MOTOR VEHICLE

Title (de)

VERFAHREN ZUM UMSCHALTEN ZWISCHEN GETRIEBEMODI IN EINEM HYBRIDKRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE COMMUTATION ENTRE MODES DE TRANSMISSION SUR UN VÉHICULE AUTOMOBILE HYBRIDE

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Application

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Abstract (en)

[origin: WO2019034812A1] The invention relates to a switching method, in a motor vehicle comprising an electric motor (320), a heat engine (230), an electric power generator (210) and a sliding coupling member (220) for coupling the heat engine to a set of drive wheels (100) of the vehicle, for switching from a first transmission mode in which the electric motor (320) drives the vehicle, and the electric power is generated by the electric power generator (210) that is driven by the heat engine (230), to a second transmission mode in which the heat engine (230) drives the vehicle, the heat engine having a minimum idle speed. The method comprises a step of determining (30) a maximum acceleration value available without switching, and then based on an instantaneous acceleration instruction (35) for driving the vehicle and said maximum acceleration available, switching into the second mode or staying in the first mode.

IPC 8 full level

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