

Title (en)
METHOD FOR OPERATING A DRIVE TRAIN

Title (de)
VERFAHREN ZUM BETREIBEN EINES ANTRIEBSSTRANGS

Title (fr)
PROCÉDÉ POUR FAIRE FONCTIONNER UNE CHAÎNE CINÉMATIQUE

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Application
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Abstract (en)
[origin: WO2010010038A1] The invention relates to a method for operating a drive train of a motor vehicle. During the tow-start of the internal combustion engine (2) using the electric motor (3), the clutch (4) connected between the non-spark-ignited internal combustion engine (2) and the electric motor (3) providing a constant electric motor torque is closed in a slipping manner in such a way that over time the clutch torque transferred by the clutch is linearly increased starting from a first starting value MK,A1 to a first final value MK,E1, wherein if the non-spark-ignited internal combustion engine begins to rotate, the breakaway torque MK,LOS of the internal combustion engine is determined from the clutch torque at which the non-spark-ignited internal combustion engine begins to rotate, and wherein if the non-spark-ignited internal combustion engine does not begin to rotate, the clutch (4) connected between the non-spark-ignited internal combustion engine and the electric motor is closed in a slipping manner in such a way that that over time the clutch torque transferred by the clutch is linearly increased starting from a second starting value MK,A2 until the non-spark-ignited internal combustion engine begins to rotate, wherein the breakaway torque MK,LOS of the internal combustion engine is determined from the clutch torque at which the internal combustion engine begins to rotate.

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