

Title (en)

METHOD FOR OPERATING A VEHICLE DRIVE TRAIN

Title (de)

VERFAHREN ZUM BETREIBEN EINES FAHRZEUGANTRIEBSSTRANGES

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UNE CHAÎNE CINÉMATIQUE DE VÉHICULE

Publication

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Application

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Abstract (en)

[origin: WO2013107558A1] The invention relates to a method for operating a vehicle drive train (1) having a drive machine (2), a transmission device (3), and a main drive pinion (4). In the region of the transmission device (3), at least one shift element (K1, K2, KV, KR) is provided, the transmission capacity of which can be varied in an at least partially stepless manner to represent an operating state of the transmission device (3). During overrun mode of the vehicle drive train (1), a torque present at the main drive pinion (4) can be supported at least partially in the region of the drive machine (2) by means of the transmission device (3). According to the invention, during overrun mode of the vehicle drive train (1), the transmission capacity of one of the shift elements (K1, K2, KV and/or KR) of the transmission device (3), which is substantially at least approximately equal to zero to represent the current operating state of the transmission device (3), is set to a value at which at least some of the torque present at the main drive pinion (4) can be supported in the region of the transmission device (3) and the speed of the drive machine (2) has values below a predefined limit value.

IPC 8 full level

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