

Title (en)  
METHOD AND DEVICE FOR OPERATING A HYBRID DRIVE

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM BETRIEB EINES HYBRIDFAHRZEUGES

Title (fr)  
PROCÉDÉ ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UN VÉHICULE HYBRIDE

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Application  
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Abstract (en)  
[origin: WO2009077320A2] The invention relates to a method and a device for operating a hybrid vehicle, comprising a parallel hybrid drive train (2, 2') having an internal combustion engine (3), at least one electrical machine (5), at least one shift element (4), by means of which the at least one electrical machine (5) and the internal combustion engine (3) can be frictionally connected, a transmission (7) and a power take-off (26), the internal combustion engine (3) being startable from an electromotive driving operation. The aim of the invention is to allow an efficient and reliable driving operation, especially during starting of an internal combustion engine (3) from an electromotive travel, and to meet the requirements of travel comfort and driving dynamics of a person driving such a vehicle as far as possible. The method according to the invention is characterized by variably selecting, once a start demand for starting the internal combustion (3) is given, a starting mode from a group of available starting modes, using an evaluation of defined selection criteria depending on the current operating situation, and by initiating the respective starting mode. The device for carrying out said method comprises operating state detection and storage means (25) that communicate with a operating strategy unit (22) which is used to evaluate a current operating situation when the starting demand for starting the internal combustion engine (3) from an electromotive driving operation is received, and to select a start mode for starting the internal combustion engine from a group of stored starting modes and to initiate it.

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