

Title (en)

METHOD FOR CONTROLLING A DUAL CLUTCH TRANSMISSION

Title (de)

VERFAHREN ZUR STEUERUNG EINES DOPPELKUPPLUNGSGETRIEBES

Title (fr)

PROCÉDÉ PERMETTANT DE COMMANDER UNE TRANSMISSION À DOUBLE EMBRAYAGE

Publication

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Application

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Abstract (en)

[origin: WO2013189653A1] The invention relates to a method for controlling a dual clutch transmission that has two partial transmissions which are each connected to a clutch on the input side, via which a drive connection can be established to a drive motor, wherein a target gear following a currently active gear can be pre-selected in a particular load-free partial transmission of the two partial transmissions. The following steps are performed: determining a potential target gear, - measuring a total loss of the transmission with the aid of measurements and/or model calculations and/or variables derived therefrom, - in the first case in which the target gear is pre-selected and - in the second case in which no gear is selected, - ascertaining whether the total loss is greater or lesser when the target gear is pre-selected or when no gear is selected, - deciding whether or not a target gear should be pre-selected with the aid of the measured total loss as a criterion, and - implementing measures according to the decision that is made.

IPC 8 full level

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