

Title (en)

METHOD AND DEVICE FOR DETERMINING THE SYNCHRONOUS FORCE WHEN SHIFTING A TWIN CLUTCH TRANSMISSION OF A MOTOR VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN DER SYNCHRONKRAFT BEIM SCHALTEN EINES DOPPELKUPPLUNGSGETRIEBES EINES KRAFTFAHRZEUGS

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER LA FORCE DE SYNCHRONISATION A APPLIQUER LORS D'UN CHANGEMENT DE VITESSES DANS UNE TRANSMISSION A DOUBLE EMBRAYAGE D'UN VEHICULE AUTOMOBILE

Publication

EP 1838980 A1 20071003 (DE)

Application

EP 05850147 A 20051214

Priority

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Abstract (en)

[origin: WO2006074621A1] A method for determining the synchronous force when shifting a twin clutch transmission of a motor vehicle contains the following steps: preparing a situation table that defines typical shifting situations based on currently active gears, currently engaged gears of the inactive shaft, target gears, and of at least one operating parameter of the motor vehicle; preparing an assignment table that assigns predetermined synchronous forces to typical shifting situations; detecting an intention to shift; determining the typical shifting situation corresponding to the respective intention to shift, and; establishing the synchronous force, which corresponds to the determined typical shifting situation, from the assignment table.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2006074621A1

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