

Title (en)

PROCESS FOR SYNCHRONISING A SYNCHRONISABLE TRANSMISSION, A TRANSMISSION CONTROLLER AND A SYNCHRONISABLE TRANSMISSION

Title (de)

VERFAHREN ZUM SYNCHRONISIEREN EINES SYNCHRONISIERBAREN GETRIEBES, GETRIEBESTEuerung UND SYNCHRONISIERBARES GETRIEBE

Title (fr)

PROCÉDÉ DE SYNCHRONISATION D'UNE BOÎTE DE VITESSES SYNCHRONISABLE, COMMANDE DE BOÎTE DE VITESSES ET BOÎTE DE VITESSES SYNCHRONISABLE

Publication

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Abstract (en)

[origin: WO2013064479A1] The present invention relates to a process for synchronising a synchronisable transmission (44), comprising the determination of a first variable x that can be described in terms of a function f of the rotational speed difference Deltaeta between a gearwheel (17, 18, 19, 20) and an associated locking element (22, 23) of the transmission (44), and the determination of a second variable y that can be described in terms of a function g of a synchronising torque M, and the rotationally fixed coupling of the gear wheel (17, 18, 19, 20) to the associated locking element (22, 23), taking account of the first variable, x, and the second variable, y. The present invention further relates to a transmission controller for controlling a synchronisable transmission and a synchronisable transmission.

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