Title (en)
METHOD AND DEVICE FOR CONTROLLING OPERATION OF A PARALLEL TRANSMISSION

Title (de)
VERFAHREN UND VORRICHTUNG ZUM STEUERN DES BETRIEBS EINES PARALLELSCHALTGETRIEBES

Title (fr)
PROCÉDÉ ET DISPOSITIF DE COMMANDE DU FONCTIONNEMENT D'UNE BOÎTE DE VITESSES DE TRANSMISSION À LIGNE PARALLÈLE

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Application
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Abstract (en)

[origin: WO2007101418A1] Disclosed is a method for controlling operation of a parallel transmission comprising two partial transmissions that act upon a common drive shaft and can be coupled to a drive shaft via one respective clutch. The gear ratio of the parallel transmission can be changed from the gear that is engaged in one partial transmission to the gear that is engaged in the other partial transmission without interrupting traction when the parallel transmission functions correctly by opening the clutch of one partial transmission and simultaneously closing the clutch of the other partial transmission. When a malfunction is detected in the actuator of at least one of the clutches, the open clutch can be closed only if at least one of the following conditions is met: the previously closed clutch is open; no gear is engaged in the partial transmission allocated to the previously closed clutch.

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