

Title (en)

ARRANGEMENT AND METHOD FOR ENGAGING A GEAR IN A GEARBOX

Title (de)

ANORDNUNG UND VERFAHREN ZUM SCHALTEN EINES GANGES IN EINEM GETRIEBE

Title (fr)

AGENCEMENT ET PROCÉDÉ POUR METTRE UNE VITESSE EN PRISE DANS UNE BOÎTE DE VITESSES

Publication

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Application

EP 15773177 A 20150330

Priority

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Abstract (en)

[origin: WO2015152800A1] The present invention relates to an arrangement and a method for engagement of a gear in a gearbox. The arrangement is adapted, in connection with disengagement of a gear that is defined by a first secondary cogwheel (7c), and an engagement of a gear that is defined by a second secondary cogwheel (7b), to provide an activation movement of the synchronising device (10b) for the second secondary cogwheel (7b), from a disconnected state to a synchronisation state, and subsequently to a locked state. The arrangement (13) is adapted (7a-d) to also provide an activation movement, during the engagement of said gearing, of at least one extra synchronising device (10a) for a third secondary cogwheel (7a), and to set the extra synchronising device (10a) in the synchronisation state during at least a part of the time when the synchronising device (10b) for the second secondary cogwheel (7b) is in the synchronisation state, so that the extra synchronising device (10a) also participates in the synchronisation of the second secondary cogwheel's (7b) rotational speed with the main shaft (8).

IPC 8 full level

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Citation (search report)

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