

Title (en)

METHOD OF OPERATING A SYNCHROMESH IN A GEARBOX

Title (de)

VERFAHREN ZUM BETRIEB EINES SYNCHRONGETRIEBES IN EINEM GETRIEBEGEHÄUSE

Title (fr)

PROCEDE DE PILOTAGE D'UN SYNCHRONISEUR DANS UNE BOÎTE DE VITESSES

Publication

EP 2529132 A1 20121205 (FR)

Application

EP 10805472 A 20101210

Priority

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- FR 2010052667 W 20101210

Abstract (en)

[origin: WO2011092382A1] In order to synchronize a pinion (1) that is engaged with a gearbox primary shaft (11), with a secondary shaft (22) that is coupled to at least one vehicle wheel to which is applied a torque at the wheel that is equal to a secondary shaft torque multiplied by a transmission ratio, a force is applied to a synchromesh which generates a synchronizing torque equal to the force multiplied by a synchronizing torque capability of the pinion (1). The synchromesh control method limits the force to the torque at the wheel divided by the torque capability and divided by the axle transmission ratio.

IPC 8 full level

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CPC (source: EP)

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See references of WO 2011092382A1

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