

Title (en)

GEARBOX FOR A MOTOR VEHICLE

Title (de)

GETRIEBE FÜR EIN KRAFTFAHRZEUG

Title (fr)

BOITE DE VITESSES POUR VEHICULE AUTOMOBILE

Publication

EP 3177856 A1 20170614 (FR)

Application

EP 15753102 A 20150710

Priority

- FR 1457599 A 20140805
- FR 2015051916 W 20150710

Abstract (en)

[origin: WO2016020590A1] A gearbox for a motor vehicle comprising at least one coupling means (213, 223, 233) for coupling a shaft (1000, 1001) to a pinion mounted about said shaft (1000, 1001), said coupling means (213, 223, 233) being movable in translation, a control cylinder (100) movable in rotation to control the translation of said coupling means (213, 223, 233), a means (610, 910) for monitoring the angular displacement of the cylinder (100), a means (700, 800, 900) for observing if the control cylinder (100) is at a predefined angular position (θ_0) predefined to initialise said monitoring means (610, 910), and a means (600, 900) for controlling the rotation of the cylinder (100) until the fact that the cylinder (100) is in said predefined angular position (θ_0) is observed, characterised in that the gearbox further comprises means (261, 262, 263, 900) for disengaging the coupling means (213, 223, 233) from the cylinder (100) during the implementation of said means (600, 900) for controlling the rotation of the cylinder (100) until the fact that the cylinder (100) is in said predefined angular position (θ_0) is observed, and re-engaging said coupling means (213, 223, 233) in the cylinder (100) in order to engage a gear ratio.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2016020590A1

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