

Title (en)

GEAR SELECTION UNIT FOR AN AUTOMATIC TRANSMISSION FOR A VEHICLE, AND METHOD FOR OPERATING A GEAR SELECTION UNIT

Title (de)

GANGWAHLEINHEIT FÜR EIN AUTOMATIKGETRIEBE FÜR EIN FAHRZEUG UND VERFAHREN ZUM BETREIBEN EINER GANGWAHLEINHEIT

Title (fr)

UNITÉ DE SÉLECTION DE VITESSE POUR BOÎTE DE VITESSES AUTOMATIQUE D'UN VÉHICULE ET PROCÉDÉ POUR FAIRE FONCTIONNER UNE UNITÉ DE SÉLECTION DE VITESSE

Publication

EP 3149361 A1 20170405 (DE)

Application

EP 15722460 A 20150427

Priority

- DE 102014210126 A 20140527
- EP 2015059007 W 20150427

Abstract (en)

[origin: WO2015180904A1] The invention relates to a gear selection unit (102) for an automatic transmission (104) for a vehicle (100), having a frame (200), a selection lever (108), a cable pull slide (202), and a connector (204). The frame (200) comprises a gate (206). The gate (206) has an automatic shift gate (208) which is aligned in a longitudinal direction and an adjacent tiptronic shift gate (210) which is aligned in the longitudinal direction. The automatic shift gate (208) and the tiptronic shift gate (210) are connected to each other via a connection shift gate (212) aligned in a transverse direction. The selection lever (108) is guided in the gate (206) and is mounted in the frame (200) in a pivotal manner. The cable pull slide (202) is mounted in the frame (200) in a movable manner in the longitudinal direction. The cable pull slide (202) is coupled to the selection lever (108) in the longitudinal direction via a releasable first coupling device (214) when the selection lever (108) is arranged in the automatic shift gate (208). The connector (204) is coupled to the cable pull slide (204) in the longitudinal direction via a second coupling device (216) and to the selection lever (108) in the transverse direction via a third coupling device (218). The connector (204) is fixed to the frame (200) in the longitudinal direction via a releasable fourth coupling device (220) when the selection lever (108) is arranged in the tiptronic shift gate (210).

IPC 8 full level

F16H 59/02 (2006.01); **F16H 59/10** (2006.01); **F16H 61/22** (2006.01); **F16H 61/36** (2006.01)

CPC (source: CN EP US)

B60K 20/02 (2013.01 - CN); **F16H 59/02** (2013.01 - CN); **F16H 59/0204** (2013.01 - EP US); **F16H 59/04** (2013.01 - CN); **F16H 59/10** (2013.01 - EP US); **F16H 61/36** (2013.01 - CN EP US); **F16H 61/68** (2013.01 - CN); **F16C 1/10** (2013.01 - US); **F16H 61/22** (2013.01 - EP US); **F16H 2059/026** (2013.01 - EP US); **F16H 2306/00** (2013.01 - CN)

Citation (search report)

See references of WO 2015180904A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014210126 A1 20151203; CN 106170413 A 20161130; CN 106170413 B 20200310; EP 3149361 A1 20170405; US 10495212 B2 20191203; US 2017198805 A1 20170713; WO 2015180904 A1 20151203

DOCDB simple family (application)

DE 102014210126 A 20140527; CN 201580019211 A 20150427; EP 15722460 A 20150427; EP 2015059007 W 20150427; US 201515313868 A 20150427