

Title (en)

ACTUATING DEVICE FOR MOTOR VEHICLE GEARBOXES

Title (de)

BETÄTIGUNGSVORRICHTUNG FÜR KRAFTFAHRZEUGGETRIEBE

Title (fr)

DISPOSITIF D'ACTIONNEMENT POUR BOÎTES DE VITESSES D'AUTOMOBILES

Publication

EP 2054645 A1 20090506 (DE)

Application

EP 07785699 A 20070807

Priority

- DE 2007001398 W 20070807
- DE 102006039860 A 20060825

Abstract (en)

[origin: WO2008022618A1] The invention relates to an actuating device for motor vehicle gearboxes, in particular an automatic gearbox. Said actuating device comprises a selection lever (1), a transmitting mechanism for sensing or transmitting the shifting command from the actuation device to the motor vehicle gearbox, and an articulation device for shifting the mounting of the selection lever (1) on at least one displacement plane. Said actuating device is characterised in that the articulation device comprises at least one four-bar mechanism (2) that is displaceably mounted about the selection lever (1). Said claimed actuation device has, in relation to prior art, advantages in particular in relation to size, has improved ergonomic properties and also in relation to the quality of the force-path-course on the selection lever, in addition to sensing and signal transmission. Due to the invention, visual shift paths or shift gates and also actuation devices are also improved in that they are compact.

IPC 8 full level

F16H 59/10 (2006.01)

CPC (source: EP KR US)

B60K 20/02 (2013.01 - KR); **F16H 59/02** (2013.01 - KR); **F16H 59/0204** (2013.01 - EP US); **F16H 59/10** (2013.01 - EP KR US);
F16H 2059/0265 (2013.01 - EP US); **Y10T 74/2014** (2015.01 - EP US); **Y10T 74/20159** (2015.01 - EP US)

Citation (search report)

See references of WO 2008022618A1

Designated contracting state (EPC)

ES FR GB IT SE

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008022618 A1 20080228; CN 101506547 A 20090812; CN 101506547 B 20141231; DE 102006039860 B3 20080327;
EP 2054645 A1 20090506; JP 2010501403 A 20100121; KR 20090042809 A 20090430; US 2009266193 A1 20091029;
US 8250943 B2 20120828

DOCDB simple family (application)

DE 2007001398 W 20070807; CN 200780031608 A 20070807; DE 102006039860 A 20060825; EP 07785699 A 20070807;
JP 2009525912 A 20070807; KR 20097003620 A 20090223; US 43862207 A 20070807