

Title (en)

DEVICE FOR DETECTING A NEUTRAL POSITION OF A GEARSHIFT CONTROL OF A MOTOR VEHICLE GEARBOX

Title (de)

VORRICHTUNG ZUR ERFASSUNG EINER NEUTRALSTELLUNG EINER SCHALTSTEUERUNG EINES KRAFTFAHRZEUGGETRIEBES

Title (fr)

DISPOSITIF DE DETECTION D'UNE POSITION NEUTRE D'UNE COMMANDE DE VITESSES D'UNE BOITE DE VITESSES D'UN VEHICULE AUTOMOBILE

Publication

EP 3320235 A1 20180516 (FR)

Application

EP 16747825 A 20160706

Priority

- FR 1556411 A 20150707
- FR 2016051705 W 20160706

Abstract (en)

[origin: WO2017006050A1] Device (1) accompanying the gearshift of a vehicle mechanical gearbox, said device (1) being mounted between a gearshift control and an internal control of the gearbox and comprising a lever arm (2) rotationally driven about an axis (3) by said gearshift control in order at the same time to cause an inertial mass (6) to be driven in rotation about an axis (9). According to the invention, the device (1) comprises a detection member (10, 13, 16, 18) mounted on a rotationally driven component (2, 3, 6, 9) of the gearshift accompanying device (1) so as to be movable against the action of means (11, 14, 17) able to detect said movements and to send electrical signals to a processing unit in order to detect and indicate at least one neutral position of the gearshift control.

IPC 8 full level

F16H 59/68 (2006.01); **F16H 61/24** (2006.01)

CPC (source: EP)

F16H 59/68 (2013.01); **F16H 61/24** (2013.01); **F16H 2059/6823** (2013.01); **F16H 2061/246** (2013.01)

Citation (search report)

See references of WO 2017006050A1

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)

WO 2017006050 A1 20170112; BR 112018000402 A2 20181211; CN 108351022 A 20180731; EP 3320235 A1 20180516; FR 3038686 A1 20170113; FR 3038686 B1 20170707

DOCDB simple family (application)

FR 2016051705 W 20160706; BR 112018000402 A 20160706; CN 201680040057 A 20160706; EP 16747825 A 20160706; FR 1556411 A 20150707