

Title (en)

DEVICE FOR LOCKING AN AUTOMATIC GEARBOX OF A MOTOR VEHICLE IN THE PARK POSITION

Title (de)

VORRICHTUNG ZUM VERRIEGELN EINES AUTOMATGETRIEBES EINES KRAFTFAHRZEUGS IN PARKPOSITION

Title (fr)

DISPOSITIF DE VERROUILLAGE EN POSITION PARC D'UNE BOITE DE VITESSES AUTOMATIQUE POUR VEHICULE AUTOMOBILE

Publication

EP 2734752 A1 20140528 (FR)

Application

EP 12750435 A 20120720

Priority

- FR 1156677 A 20110722
- FR 2012051728 W 20120720

Abstract (en)

[origin: WO2013014377A1] This device comprises a carriage (1) secured to a control system controlled by a part of the gearbox in order to be moved in translation in relation to a locking pin (3) capable of engaging with a crown gear of said gearbox, said carriage (1) being coupled to means actuated by an actuator in order to be moved, if necessary, to a fixed position of the control system, characterised in that the means are comprised of two compact superimposed levers (5) and (6) which are pivotally mounted in relation to a pin (7), counter to a spring (8), one of the levers (5) being coupled to the carriage, while the other lever (6) is coupled to the control system.

IPC 8 full level

F16H 63/34 (2006.01); **B60T 1/06** (2006.01); **F16H 63/48** (2006.01)

CPC (source: EP US)

B60T 1/005 (2013.01 - EP US); **B60T 1/062** (2013.01 - EP US); **B60T 1/12** (2013.01 - US); **F16H 63/3416** (2013.01 - EP US)

Citation (search report)

See references of WO 2013014377A1

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

DOCDB simple family (publication)

FR 2978223 A1 20130125; **FR 2978223 B1 20140124**; BR 112014001578 A2 20170221; EP 2734752 A1 20140528; US 2014197005 A1 20140717; US 9428158 B2 20160830; WO 2013014377 A1 20130131

DOCDB simple family (application)

FR 1156677 A 20110722; BR 112014001578 A 20120720; EP 12750435 A 20120720; FR 2012051728 W 20120720; US 201214234302 A 20120720