

Title (en)  
PARKING BRAKE DEVICE FOR MOTOR VEHICLE GEARBOXES

Title (de)  
PARKSPERRENEINRICHTUNG FÜR KRAFTFAHRZEUGGETRIEBE

Title (fr)  
FREIN DE STATIONNEMENT POUR BOÎTES DE VITESSES D'AUTOMOBILES

Publication  
**EP 2054279 A1 20090506 (DE)**

Application  
**EP 07785698 A 20070807**

Priority

- DE 2007001397 W 20070807
- DE 102006039862 A 20060825

Abstract (en)  
[origin: WO2008022617A1] The invention relates to a parking brake device for motor vehicle gearboxes, in particular for automatic gearboxes. Said parking brake device comprises a parking brake handle (2) provided with an actuating or adjusting device (3) for engaging and disengaging the handle (2), in addition to a holding device for securing the parking brake handle (2) in the disengaged position. Said parking brake device is characterised in that the holding device comprises a toggle mechanism (6, 7, 8, 9) that can be displaced from a first, elongate position in which the parking brake handle (2) is held in the disengaged position, into a second angled position in which the parking brake handle (2) can be engaged. Said claimed parking brake handle has, in relation to prior art, advantages relating to costs and has improved robustness and resistance in relation to various environmental conditions. Said claimed parking brake device does not require any additional energy for maintaining the safety effects for the parking brake handle and also only minimal disengaging force for releasing the parking brake device.

IPC 8 full level  
**B60T 1/00** (2006.01)

CPC (source: EP KR US)  
**B60T 1/005** (2013.01 - EP US); **F16H 61/22** (2013.01 - KR); **F16H 63/30** (2013.01 - KR); **F16H 63/34** (2013.01 - KR); **F16H 63/3433** (2013.01 - EP US); **F16H 63/3475** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008022617A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2008022617 A1 20080228**; CN 101506013 A 20090812; CN 101506013 B 20120711; DE 102006039862 A1 20080320; DE 102006039862 B4 20160519; EP 2054279 A1 20090506; JP 2010501805 A 20100121; JP 5309029 B2 20131009; KR 101373472 B1 20140313; KR 20090042797 A 20090430; US 2009321215 A1 20091231; US 8636130 B2 20140128

DOCDB simple family (application)  
**DE 2007001397 W 20070807**; CN 200780031713 A 20070807; DE 102006039862 A 20060825; EP 07785698 A 20070807; JP 2009525911 A 20070807; KR 20097003409 A 20070807; US 43864107 A 20070807