

Title (en)

METHOD AND DEVICE FOR DISPLACING AND STORING BRAKE FLUID FOR A HYDRAULIC BRAKE SYSTEM OF A VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERSCHIEBEN UND SPEICHERN VON BREMSFLÜSSIGKEIT FÜR EIN HYDRAULISCHES BREMSYSTEM EINES FAHRZEUGS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉPLACEMENT ET DE STOCKAGE DE LIQUIDE DE FREIN POUR UN SYSTÈME DE FREINAGE HYDRAULIQUE D UN VÉHICULE

Publication

**EP 2456647 A1 20120530 (DE)**

Application

**EP 10718964 A 20100505**

Priority

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- EP 2010056066 W 20100505

Abstract (en)

[origin: WO2011009651A1] The invention relates to a method and a device for displacing and storing brake fluid for a hydraulic brake system of a vehicle. To this end, the brake system comprises at least one hydraulic accumulator, at least one brake booster and at least one brake circuit, wherein the brake booster is designed in such a way that by actuating the brake booster, even without intervention by the driver, a brake fluid volume can be displaced automatically. The essence of the invention is that - brake fluid is displaced into the hydraulic accumulator by the automatic actuation of the brake booster and stored and - depending on the operating state of the brake system, at least part of the stored brake fluid is emptied from the hydraulic accumulator into the brake circuit.

IPC 8 full level

**B60T 13/68** (2006.01)

CPC (source: EP US)

**B60T 8/405** (2013.01 - EP US); **B60T 8/4845** (2013.01 - EP US); **B60T 8/4872** (2013.01 - EP US); **B60T 13/686** (2013.01 - EP US); **B60T 17/221** (2013.01 - EP US); **B60T 2201/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2011009651A1

Citation (examination)

- DE 102007062839 A1 20090625 - IPGATE AG [CH]
- WO 2009083217 A2 20090709 - IPGATE AG [CH], et al
- WO 2009083216 A2 20090709 - IPGATE AG [CH], et al

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DOCDB simple family (publication)

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DOCDB simple family (application)

**DE 102009028010 A 20090724**; CN 201080033350 A 20100505; EP 10718964 A 20100505; EP 2010056066 W 20100505; JP 2012520971 A 20100505; US 201013386262 A 20100505