

Title (en)  
AUTOMOTIVE BRAKING DEVICE

Title (de)  
BREMSEINRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)  
DISPOSITIF DE FREINAGE POUR VÉHICULE À MOTEUR

Publication  
**EP 2288525 A1 20110302 (DE)**

Application  
**EP 09761595 A 20090525**

Priority  

- EP 2009056304 W 20090525
- DE 102008041760 A 20080902
- DE 102008002349 A 20080611

Abstract (en)  
[origin: WO2009150032A1] The invention relates to a braking device for a motor vehicle, comprising a first and a second group of brake circuits (1, 2), wherein every brake circuit is associated with a group of wheels (3, 4, 5, 6) and wherein at least the first group of brake circuits is designed as hydraulic brake circuits, at least one group of wheels (5, 6) being connected to at least one effective unit (20) that is capable of causing a deceleration of the wheels. The aim of the invention is to conveniently combine recuperative braking operations with conventional braking operations. A control device (22) controls the brake effect of the one or more brake circuits (2) of the second group as well as optionally the decelerating effect of the one or more effective units, the first group of brake circuits being actuatable directly by the driver by means of a brake actuation device.

IPC 8 full level  
**B60T 8/32** (2006.01); **B60T 1/10** (2006.01); **B60T 8/40** (2006.01); **B60W 10/08** (2006.01); **B60W 10/18** (2012.01); **B60W 30/18** (2012.01)

CPC (source: EP US)  
**B60T 1/10** (2013.01 - EP US); **B60T 8/344** (2013.01 - EP US); **B60T 8/4072** (2013.01 - EP US); **B60T 8/4872** (2013.01 - EP US);  
**B60W 10/08** (2013.01 - EP US); **B60W 10/184** (2013.01 - EP US); **B60W 30/18127** (2013.01 - EP US); **B60T 2270/602** (2013.01 - EP US);  
**B60W 2510/244** (2013.01 - EP US); **B60W 2520/10** (2013.01 - EP US); **B60W 2520/125** (2013.01 - EP US); **B60W 2720/30** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009150032A1

Designated contracting state (EPC)  
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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 102008041760 A1 20091217**; CN 102056779 A 20110511; CN 102056779 B 20150701; EP 2288525 A1 20110302;  
JP 2011524833 A 20110908; JP 2014051285 A 20140320; KR 20110020802 A 20110303; US 2011049973 A1 20110303;  
US 8651586 B2 20140218; WO 2009150032 A1 20091217

DOCDB simple family (application)  
**DE 102008041760 A 20080902**; CN 200980121978 A 20090525; EP 09761595 A 20090525; EP 2009056304 W 20090525;  
JP 2011512919 A 20090525; JP 2013259164 A 20131216; KR 20107027771 A 20090525; US 99137409 A 20090525