

Title (en)  
BRAKE SYSTEM HAVING A PRESSURE MODULATION CYLINDER

Title (de)  
BREMSSYSTEM MIT DRUCKMODULATIONSZYLINDER

Title (fr)  
SYSTÈME DE FREIN AVEC CYLINDRE À MODULATION DE PRESSION

Publication  
**EP 2516226 A1 20121031 (DE)**

Application  
**EP 10778903 A 20101025**

Priority

- DE 102009055244 A 20091223
- EP 2010066039 W 20101025

Abstract (en)  
[origin: WO2011076462A1] The invention relates to a brake device for motor vehicles, having a main brake cylinder (2) for generating brake pressure on at least one wheel brake (15a-15d). In order to be able to individually change the brake pressure on individual wheel brakes (15a-15d), a pressure modulation cylinder (7) is provided between the main brake cylinder (2) and the wheel brakes (15a-15d), said cylinder having a plurality of chambers (17, 18), wherein a first chamber (17) is connected via a first fluid line (19) to the main brake cylinder (2), and a second chamber (17) is connected via a second fluid line (20) to the at least one wheel brake (15a-15d). The first and second chambers (17), (18) are connected to each other via a fluid line, in which a valve (12) is arranged. Such a brake system has a particularly simple design and can thus be produced in a cost-effective manner.

IPC 8 full level  
**B60T 8/32** (2006.01)

CPC (source: EP KR US)  
**B60T 8/32** (2013.01 - KR); **B60T 8/36** (2013.01 - KR); **B60T 8/4081** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011076462A1

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)  
**WO 2011076462 A1 20110630**; CN 102656068 A 20120905; DE 102009055244 A1 20110630; EP 2516226 A1 20121031; KR 20120117789 A 20121024; US 2012326492 A1 20121227

DOCDB simple family (application)  
**EP 2010066039 W 20101025**; CN 201080058812 A 20101025; DE 102009055244 A 20091223; EP 10778903 A 20101025; KR 20127016202 A 20101025; US 201013517037 A 20101025