

Title (en)

BRAKING DEVICE FOR A BRAKING SYSTEM OF A VEHICLE AND BRAKING SYSTEM FOR A VEHICLE

Title (de)

BREMSGERÄT FÜR EIN BREMSSYSTEM EINES FAHRZEUGS UND BREMSSYSTEM FÜR EIN FAHRZEUG

Title (fr)

APPAREIL DE FREINAGE POUR SYSTÈME DE FREINAGE D'UN VÉHICULE, ET SYSTÈME DE FREINAGE POUR VÉHICULE

Publication

EP 2978645 A1 20160203 (DE)

Application

EP 14708828 A 20140227

Priority

- DE 102013205627 A 20130328
- EP 2014053790 W 20140227

Abstract (en)

[origin: WO2014154437A1] The invention relates to a braking device and a braking system, each having a brake master cylinder (10) with at least one first pressure chamber (12), which is divided or can be divided at least into a first partial volume (12a) and a second partial volume (12b), which can be coupled or are coupled hydraulically to a brake fluid reservoir (24), wherein a first braking circuit (28) can be coupled or is coupled hydraulically to the first partial volume (12a), and having a valve device (38), which is mechanically laid out in such a manner that a pressure build-up can be effected up to a mechanically predefined limit pressure in the second partial volume (12b), wherein brake fluid can be transferred via at least one subcomponent (38a) of the valve device (38) at least into the first braking circuit (28), and the limit pressure in the second partial volume (12b) is prevented from being exceeded.

IPC 8 full level

B60T 11/224 (2006.01); **B60T 8/40** (2006.01)

CPC (source: EP US)

B60T 11/224 (2013.01 - EP US); **B60T 13/143** (2013.01 - EP US); **B60T 13/662** (2013.01 - EP US); **B60T 13/686** (2013.01 - EP US); **B60T 8/4081** (2013.01 - EP US)

Citation (search report)

See references of WO 2014154437A1

Citation (examination)

- FR 2967120 A1 20120511 - IPGATE AG [CH]
- FR 2975957 A1 20121207 - IPGATE AG [CH]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102013205627 A1 20141002; CN 105073530 A 20151118; CN 105073530 B 20190419; EP 2978645 A1 20160203; JP 2016517371 A 20160616; KR 102118612 B1 20200603; KR 20150138295 A 20151209; US 2016082938 A1 20160324; US 9932023 B2 20180403; WO 2014154437 A1 20141002

DOCDB simple family (application)

DE 102013205627 A 20130328; CN 201480018447 A 20140227; EP 14708828 A 20140227; EP 2014053790 W 20140227; JP 2016504540 A 20140227; KR 20157030966 A 20140227; US 201414780750 A 20140227