Title (en)
METHOD FOR OPERATING A BRAKING SYSTEM AND A BRAKING SYSTEM

Title (de)
VERFAHREN ZUM BETREIBEN EINES BREMSSYSTEMS UND EIN BREMSSYSTEM

Title (fr)
PROCÉDÉ POUR UTILISER UN SYSTÈME DE FREINAGE ET SYSTÈME DE FREINAGE

Publication
EP 3055174 A1 20160817 (DE)

Application
EP 14739136 A 20140710

Priority
• DE 102013220582 A 20131011
• EP 2014064878 W 20140710

Abstract (en)
[origin: WO2015051929A1] The invention relates to a method for operating a brake system of a vehicle which comprises a master brake cylinder (4) which can be activated by the driver by means of a brake pedal (1), at least one driver-independent pressure source (11), at least one wheel brake (9a, 9b) to which a wheel speed sensor is assigned, and a brake activation sensor (5), wherein it is checked whether a hazardous situation is present, and in the case of a hazardous situation being detected the at least one driver-independent pressure source (11) is activated. According to the invention, a hazardous situation is detected when the change in a measured deceleration (a) over time or the absolute value of a measured deceleration (a) exceeds a predefined hazard threshold value (active) and a brake activation operation is detected. In addition, the invention relates to a brake system for a motor vehicle having brake assistance in hazardous situations ("brake assistant") which does not require a master brake cylinder pressure sensor.

IPC 8 full level
B60T 8/32 (2006.01)

CPC (source: EP KR US)
B60T 7/042 (2013.01 - KR); **B60T 8/3275** (2013.01 - EP KR US); B60T 8/171 (2013.01 - US); B60T 2201/03 (2013.01 - EP KR US); B60Y 2400/3032 (2013.01 - KR)

Citation (search report)
See references of WO 2015051929A1

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 102013220582 A1 20150416; CN 105705390 A 20160622; EP 3055174 A1 20160817; KR 20160070177 A 20160617; US 2016236662 A1 20160818; WO 2015051929 A1 20150416

DOCDB simple family (application)
DE 102013220582 A 20131011; CN 201480055672 A 20140710; EP 14739136 A 20140710; EP 2014064878 W 20140710; KR 20167012271 A 20140710; US 201415025329 A 20140710