

Title (en)
DEVICE FOR MAKING AVAILABLE PARAMETERS

Title (de)
VORRICHTUNG ZUM BEREITSTELLEN VON GRÖSSEN

Title (fr)
DISPOSITIF POUR FOURNIR DES PARAMETRES

Publication
EP 1483129 A1 20041208 (DE)

Application
EP 03743854 A 20030307

Priority
• DE 10211220 A 20020313
• DE 10211221 A 20020313
• EP 0302340 W 20030307

Abstract (en)
[origin: WO03076243A1] The invention relates to a method for detecting parameters characterizing the driving behavior of a vehicle, according to which at least one vehicle speed parameter, which represents at least one parameter (vy) describing the lateral velocity of the vehicle, and/or a roadway parameter describing the quality and/or the course of the roadway is/are detected at least according to one parameter (ax) describing the longitudinal acceleration of the vehicle, a parameter (ay) describing the lateral acceleration of the vehicle, a parameter (psi) describing the yaw rate of the vehicle, a parameter (delta , delta Rad,i) characterizing the steering angle of the steered wheels, and parameters (omega Rad,i) describing the rotation speeds of the vehicle wheels by means of an estimation method. A parameter (vx) describing the longitudinal velocity of the vehicle is detected as an additional vehicle speed parameter. A parameter (THETA) describing the longitudinal slope of the roadway, and/or a parameter (PHI) describing the transversal slope of the roadway, and/or a parameter (mu) describing the coefficient of friction of the roadway is/are detected as the roadway parameter.

IPC 1-7
B60K 41/28; **B60G 17/015**

IPC 8 full level
B60G 17/019 (2006.01); **B60G 17/0195** (2006.01); **B60K 28/16** (2006.01); **B60K 31/00** (2006.01); **B60T 8/00** (2006.01); **B60T 8/172** (2006.01); **B60W 40/06** (2012.01); **B62D 6/00** (2006.01); **B62D 6/04** (2006.01); **G05D 1/00** (2006.01); **G05D 1/02** (2006.01); **B60W 40/12** (2012.01); **B60W 50/00** (2006.01); **B60W 50/06** (2006.01)

CPC (source: EP US)
B60G 17/0195 (2013.01 - EP US); **B60K 28/16** (2013.01 - EP); **B60K 31/0008** (2013.01 - EP US); **B60T 8/172** (2013.01 - EP US); **B60W 10/04** (2013.01 - EP US); **B60W 10/18** (2013.01 - EP US); **B60W 40/064** (2013.01 - EP US); **B60W 40/09** (2013.01 - EP US); **B60W 40/114** (2013.01 - EP US); **B62D 6/00** (2013.01 - EP US); **B62D 6/04** (2013.01 - EP US); **B60G 2400/821** (2013.01 - EP US); **B60G 2400/824** (2013.01 - EP US); **B60G 2800/70** (2013.01 - EP US); **B60W 50/00** (2013.01 - EP US); **B60W 2040/1307** (2013.01 - EP US); **B60W 2050/0008** (2013.01 - EP US); **B60W 2050/001** (2013.01 - EP); **B60W 2050/0044** (2013.01 - EP US); **B60W 2050/0052** (2013.01 - EP US); **B60W 2050/065** (2013.01 - EP US); **B60W 2510/182** (2013.01 - EP US); **B60W 2510/20** (2013.01 - EP US); **B60W 2510/22** (2013.01 - EP US); **B60W 2520/105** (2013.01 - EP US); **B60W 2520/125** (2013.01 - EP US); **B60W 2520/14** (2013.01 - EP US); **B60W 2520/16** (2013.01 - EP US); **B60W 2520/18** (2013.01 - EP US); **B60W 2520/28** (2013.01 - EP US); **B60W 2530/20** (2013.01 - EP US); **B60W 2552/00** (2020.02 - EP US); **B60W 2552/15** (2020.02 - EP US); **B60W 2552/20** (2020.02 - EP US); **B60W 2552/30** (2020.02 - EP); **B60W 2552/40** (2020.02 - EP US); **B60W 2720/14** (2013.01 - EP US)

Citation (search report)
See references of WO 03076228A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03076243 A1 20030918; DE 10391324 D2 20050421; DE 10391325 D2 20050210; EP 1483129 A1 20041208; EP 1483142 A1 20041208; US 2005182548 A1 20050818; WO 03076228 A1 20030918

DOCDB simple family (application)
EP 0302341 W 20030307; DE 10391324 T 20030307; DE 10391325 T 20030307; EP 0302340 W 20030307; EP 03709756 A 20030307; EP 03743854 A 20030307; US 50758405 A 20050325