

Title (en)
DRIVER ASSISTANCE SYSTEM FOR AN AT LEAST PARTIALLY AUTOMATICALLY DRIVING MOTOR VEHICLE, MOTOR VEHICLE AND METHOD FOR CONTROLLING A VEHICLE DYNAMICS

Title (de)
FAHRERASSISTENZSYSTEM FÜR EIN ZUMINDEST TEILWEISE AUTOMATISCH FAHRENDES KRAFTFAHRZEUG, KRAFTFAHRZEUG UND VERFAHREN ZUM REGELN EINER FAHRDYNAMIK

Title (fr)
SYSTÈME D'AIDE À LA CONDUITE D'UN VÉHICULE AUTOMOBILE AU MOINS PARTIELLEMENT AUTONOME, VÉHICULE AUTOMOBILE ET PROCÉDÉ DE RÉGULATION D'UNE DYNAMIQUE DE CONDUITE

Publication
EP 3703989 A1 20200909 (DE)

Application
EP 18796907 A 20181031

Priority
• DE 102017125729 A 20171103
• EP 2018079830 W 20181031

Abstract (en)
[origin: WO2019086518A1] The invention relates to a driver assistance system (11) for an at least partially automatically driving motor vehicle (10), wherein the driver assistance system (11) comprises at least one environment detection means (13) which is designed to detect at least one area of an environment (U) of the motor vehicle (10), an evaluation device (14) which is designed to determine a target trajectory (T) to be travelled by the motor vehicle (10) according to the detected at least one area of the environment (U), and a control device (18) which is designed to adjust the target trajectory (T) determined by the evaluation device (14). According to the invention, the evaluation device (14) is designed to determine at least one free area value (W) according to the detected at least one area of the environment (U), and to transfer same to the control device (18), wherein the control device (18) has at least one adjustable control parameter (R1, R2, Rn), and the control device (18) is designed to adjust the at least one control parameter (R1, R2, Rn) according to the transferred free area value (W), and to adjust the target trajectory (T) according to the adjusted at least one control parameter (R1, R2, Rn).

IPC 8 full level
B60W 30/10 (2006.01); **B60W 30/095** (2012.01); **B60W 40/04** (2006.01); **B60W 50/00** (2006.01); **G05D 1/02** (2020.01); **G06K 9/00** (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP KR US)
B60W 30/08 (2013.01 - US); **B60W 30/095** (2013.01 - EP); **B60W 30/10** (2013.01 - EP KR); **B60W 40/04** (2013.01 - EP KR); **B60W 50/00** (2013.01 - EP); **B60W 50/0097** (2013.01 - EP KR); **B60W 60/001** (2020.02 - KR); **G06V 20/58** (2022.01 - EP KR); **G08G 1/166** (2013.01 - EP KR); **B60W 2050/0088** (2013.01 - EP KR); **B60W 2554/00** (2020.02 - EP KR US); **B60W 2555/00** (2020.02 - EP KR)

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)
WO 2019086518 A1 20190509; CN 111295317 A 20200616; CN 111295317 B 20230509; DE 102017125729 A1 20190523; EP 3703989 A1 20200909; KR 20200089275 A 20200724; US 11958477 B2 20240416; US 2021188256 A1 20210624

DOCDB simple family (application)
EP 2018079830 W 20181031; CN 201880070374 A 20181031; DE 102017125729 A 20171103; EP 18796907 A 20181031; KR 20207015706 A 20181031; US 201816761291 A 20181031