

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

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Application

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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

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