Title (en)
METHOD AND SYSTEM FOR CONTROLLING A MOTOR VEHICLE

Title (de)
VERFAHREN SOWIE SYSTEM ZUM STEUERN EINES KRAFTFAHRZEUGS

Title (fr)
PROCÉDÉ ET SYSTÈME DE COMMANDE D'UN VÉHICULE AUTOMOBILE

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Application
EP 19832033 A 20191216

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Abstract (en)
[origin: WO2020127010A1] The invention relates to a method for controlling a motor vehicle (10) which is driving on a road (12) in a current lane (14), the road (12) having at least one additional lane (16). First, free regions (Bf) and/or occupied regions (Bb) of the lanes (14, 16) are determined, which occupied regions are occupied by other road users (18, 20), the free regions (Bf) and the occupied regions (Bb) being spatio-temporal regions. Changing regions, in which a lane change between the two lanes (14, 16) is possible, and/or lane-keeping regions, in which a lane change between the two lanes (14, 16) is not possible, are determined on the basis of the determined free regions (Bf) and/or occupied regions (Bb). Possible driving maneuvers of the motor vehicle (10) at least between changing regions and/or lane-keeping regions adjoining one another in pairs are then determined. A system (26) for controlling a motor vehicle (10) is also described.

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CPC (source: EP US)
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Citation (search report)
See references of WO 2020127010A1

Designated contracting state (EPC)
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DE 102018132523 A 20181217; CN 201980082775 A 20191216; EP 19832033 A 20191216; EP 2019085299 W 20191216; JP 2021534634 A 20191216; US 201917298977 A 20191216