Title (en)

METHOD FOR PRODUCING A DRIVABLE REGION FOR AN AT LEAST SEMI-AUTONOMOUSLY OPERATED MOTOR VEHICLE, COMPUTER PROGRAM PRODUCT, COMPUTER-READABLE STORAGE MEDIUM, AND ELECTRONIC COMPUTING DEVICE

Title (de)

VERFAHREN ZUM ERZEUGEN EINES BEFAHRBAREN BEREICHS FÜR EIN ZUMINDEST TEILWEISE AUTONOM BETRIEBENES KRAFTFAHRZEUG, COMPUTERPROGRAMMPRODUKT, COMPUTERLESBARES SPEICHERMEDIUM SOWIE ELEKTRONISCHE RECHENEINRICHTUNG

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE ZONE CARROSSABLE POUR UN VÉHICULE AUTOMOBILE AU MOINS SEMI-AUTONOME, PRODUIT PROGRAMME INFORMATIQUE, SUPPORT DE MÉMORISATION LISIBLE PAR ORDINATEUR ET DISPOSITIF DE CALCUL ÉLECTRONIQUE

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Application

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Abstract (en)

[origin: WO2022223334A1] The invention relates to a method for producing a drivable region (6) for an at least semi-autonomously operated motor vehicle (1), comprising the steps of: - specifying a drivable trajectory (10), which is formed by a trajectory point sequence (16); - specifying a first boundary (11), which is in the form of a first boundary point sequence (16), for a travel envelope (13), the first boundary having a first lateral distance (A1) from the drivable trajectory (10) and being formed on a first side of the drivable trajectory (10); - specifying a second boundary (12), which is in the form of a second boundary point sequence (17), for the travel envelope (13), the second boundary having a second lateral distance (A2) from the drivable trajectory (10) and being formed on a second side of the drivable trajectory (10); and - producing the drivable region (6) by means of the drivable trajectory (10), the first boundary (11) and the second boundary (12). The invention also relates to a computer program product, to a computer-readable storage medium, and to an electronic computing device (5, 14).

IPC 8 full level

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