

Title (en)

METHOD FOR CHECKING THE FITNESS OF A DRIVER TO DRIVE A MOTOR VEHICLE, AND MOTOR VEHICLE

Title (de)

VERFAHREN ZUM ÜBERPRÜFEN EINER FAHRTÜCHTIGKEIT EINES FAHRERS EINES KRAFTFAHRZEUGS SOWIE EIN KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE CONTRÔLE DE L'APTITUDE À CONDUIRE D'UN CONDUCTEUR D'UN VÉHICULE À MOTEUR ET VÉHICULE À MOTEUR

Publication

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Application

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Abstract (en)

[origin: WO2022218788A1] The invention relates to a method for checking the fitness of a driver to drive a motor vehicle (10) and to a motor vehicle (10) for carrying out a method of this kind. The method comprises the following steps: identifying (S1) a transition signal (38) from a highly automated driving mode to a less automated driving mode; receiving (S2) a request signal (40) and outputting (S3) a request (42) characterized by the transmitted request signal (40) in the motor vehicle (10); capturing (S4) a response signal (44) which comprises a response (46) of the driver to the request (42); determining (S5) a fitness-to-drive value (48) which quantifies the driver's fitness to drive by evaluating the response signal (44) while applying a specified evaluation criterion (50), wherein it is checked whether the response signal (44) describes an expected response (52) associated with the request signal (40); checking (S6) whether the fitness-to-drive value (48) determined is greater than a specified fitness-to-drive limit value (54); and, if this is the case, permitting (S7) a manual intervention by the driver in the longitudinal and/or lateral control of the motor vehicle (10).

IPC 8 full level

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Citation (search report)

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