Title (en)

METHOD FOR TRAINING AT LEAST ONE ALGORITHM FOR A CONTROL DEVICE OF A MOTOR VEHICLE, COMPUTER PROGRAM PRODUCT, AND MOTOR VEHICLE

Title (de)

VERFAHREN ZUM TRAINIEREN WENIGSTENS EINES ALGORITHMUS FÜR EIN STEUERGERÄT EINES KRAFTFAHRZEUGS, COMPUTERPROGRAMMPRODUKT SOWIE KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ D'APPRENTISSAGE D'AU MOINS UN ALGORITHME POUR UN DISPOSITIF DE COMMANDE D'UN VÉHICULE AUTOMOBILE, PRODUIT PROGRAMME INFORMATIQUE ET VÉHICULE AUTOMOBILE

Publication

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Application

EP 20796785 A 20201022

Priority

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- EP 2020079764 W 20201022

Abstract (en)

[origin: WO2021083785A1] The invention relates to a method for training at least one algorithm for a control device of a motor vehicle, said algorithm being trained by means of a self-learning neural network. The method has the following steps: a) providing a computer program product module for an automated or autonomous driving function, b) providing a simulation environment with simulation parameters, wherein the simulation environment contains map data of an actual existing area of operation, the motor vehicle, and at least one additional simulated traffic participant, and the behavior of the motor vehicle and the at least one additional traffic participant is determined by a rule set with behavior parameters, c) providing a mission for the motor vehicle, d) modifying at least one behavior parameter of the motor vehicle so that the at least one behavior parameter lies within permissible limits at all times, and e) carrying out a simulation of the mission.

IPC 8 full level

G06K 9/00 (2022.01); **G06K 9/62** (2022.01)

CPC (source: EP US)

G06F 18/2155 (2023.01 - EP); **G06F 18/24** (2023.01 - EP); **G06V 10/82** (2022.01 - EP US); **G06V 20/56** (2022.01 - EP US)

Citation (search report)

See references of WO 2021083785A1

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