

Title (en)

METHOD FOR CREATING A ROAD USER ALGORITHM FOR COMPUTER SIMULATION OF ROAD USERS, METHOD FOR TRAINING AT LEAST ONE ALGORITHM FOR A CONTROL UNIT OF A MOTOR VEHICLE, COMPUTER PROGRAM PRODUCT, AND MOTOR VEHICLE

Title (de)

VERFAHREN ZUM ERSTELLEN EINES VERKEHRSTEILNEHMERALGORITHMUS ZUR COMPUTERSIMULATION VON VERKEHRSTEILNEHMERN, VERFAHREN ZUM TRAINIEREN WENIGSTENS EINES ALGORITHMUS FÜR EIN STEUERGERÄT EINES KRAFTFAHRZEUGS, COMPUTERPROGRAMMPRODUKT SOWIE KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE CRÉATION D'UN ALGORITHME D'USAGER DE LA ROUTE PERMETTANT LA SIMULATION INFORMATIQUE D'USAGERS DE LA ROUTE, PROCÉDÉ DE FORMATION D'AU MOINS UN ALGORITHME POUR UNE UNITÉ DE COMMANDE D'UN VÉHICULE AUTOMOBILE, PRODUIT PROGRAMME INFORMATIQUE ET VÉHICULE AUTOMOBILE

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Abstract (en)

[origin: WO2021115918A1] The invention relates to a computer-implemented method for creating a road user algorithm for computer simulation of road users, wherein: the road users belong to a class of poorly protected road users; data of a plurality of different, genuinely existing road users of the class in a genuine traffic environment is detected during the implementation of at least one mission with the aid of sensors affixed to the road users; movement trajectories of the road users are determined from the data; a mean movement trajectory for the mission and ranges for deviations from the mean trajectories are calculated from the movement trajectories. The invention further relates to a computer-implemented method for training at least one algorithm for a control unit of a motor vehicle, a computer program product, and a motor vehicle.

IPC 8 full level

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