

Title (en)

METHOD AND DEVICE FOR ADAPTING DRIVING MANEUVERS BETWEEN MOTOR VEHICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABSTIMMEN VON FAHRMANÖVERN ZWISCHEN KRAFTFAHRZEUGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COORDINATION DE MANOEUVRES DE CONDUITE ENTRE DES VÉHICULES À MOTEUR

Publication

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Application

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Abstract (en)

[origin: WO2019192909A1] The invention relates to a method for adapting driving maneuvers between at least two motor vehicles. At least one drive trajectory of a first motor vehicle and a drive trajectory of a second motor vehicle are continuously updated and continuously exchanged by means of vehicle-to-vehicle communication between the at least two motor vehicles in the surroundings of the motor vehicles. If a collision between the drive trajectory of the first motor vehicle and the drive trajectory of the second motor vehicle is ascertained by maneuver-planning devices of the first and the second motor vehicle (10 and 20) during a first comparison (130), a preferred motor vehicle (20), which is preferred for carrying out its drive trajectory, is ascertained between the first and the second motor vehicle using at least one evaluation criterion. The maneuver-planning device of the preferred motor vehicle (20) plans (150) a first deviation trajectory which does not collide with the drive trajectory (11) of the non-preferred motor vehicle (10). The planned first deviation trajectory is transmitted to the non-preferred motor vehicle (10) as the updated drive trajectory (21) of the preferred motor vehicle (20) if a cost threshold of the preferred motor vehicle (20) is undershot.

IPC 8 full level

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