

Title (en)

METHOD AND SYSTEM TO ASSESS THE RISK OF CHANGE OF TRAFFIC LANE DURING THE DRIVING OF A LEADING VEHICLE ON A ROADWAY WITH AT LEAST TWO NEIGHBOURING TRAFFIC LANES

Title (de)

VERFAHREN UND SYSTEM ZUR BEURTEILUNG DES RISIKOS DES FAHRSPURWECHSELS WÄHREND DES FAHRENS EINES FÜHRENDEN FAHRZEUGS AUF EINER STRASSE MIT MINDESTENS ZWEI NEBENEINANDERLIEGENDEN FAHRSPUREN

Title (fr)

PROCÉDÉ ET SYSTÈME D'ÉVALUATION DU RISQUE DE CHANGEMENT DE VOIE DE CIRCULATION LORS DE LA CONDUITE D'UN VÉHICULE DE TÊTE SUR UNE CHAUSSEE PRÉSENTANT AU MOINS DEUX VOIES DE CIRCULATION VOISINES

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Application

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Priority

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Abstract (en)

[origin: WO2015152793A1] The present invention relates to a method to assess the risk of change of traffic lane during the driving of a leading vehicle on a roadway with at least two neighbouring traffic lanes comprising the steps: to detect (S1) the presence of a vehicle behind the leading vehicle in a risk zone that is associated with the leading vehicle; to determine (S2) continuously the relative speed between the vehicles, comprising the step: to determine (S3) continuously, in the event that the relative speed that has been determined demonstrates that the said vehicle that is behind the leading vehicle is approaching it, when the said vehicle that is behind will become located in an action zone in a traffic lane that neighbours the vehicle, in which the leading vehicle is being driven. The present invention relates also to a system to assess the risk of change of traffic lane during the driving of a leading vehicle on a roadway with at least two neighbouring traffic lanes, and a motor vehicle comprising such a system. The present invention relates also to a computer program and a computer program product.

IPC 8 full level

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