

Title (en)
METHOD AND SYSTEM FOR THE ADAPTATION OF THE DRIVING OF A VEHICLE ON A ROADWAY IN ASSOCIATION WITH TAKING A CURVE

Title (de)
VERFAHREN UND SYSTEM ZUR ANPASSUNG DES FAHRENS EINES FAHRZEUGS AUF EINER STRASSE IM ZUSAMMENHANG MIT EINER KURVENFAHRT

Title (fr)
PROCÉDÉ ET SYSTÈME D'ADAPTATION DE LA CONDUITE D'UN VÉHICULE SUR UNE CHAUSSEE EN ASSOCIATION AVEC LA PRISE D'UN VIRAGE

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Abstract (en)
[origin: WO2015178842A1] The present invention relates to a method for the adaptation of the driving of a vehicle on a roadway in association with taking a curve, comprising the step to determine (S1) the presence of phenomena that limit speed in the form of curves along the route of the vehicle. The method further comprises the steps: to determine (S2) a speed profile based on the current speed of the vehicle and comprising a target speed based on a maximum permitted lateral acceleration of the vehicle associated with a section of the route that arises in a curve; and, in the case in which the current speed of the vehicle exceeds the target speed, to adapt (S3) the speed of the vehicle such that the target speed is achieved at a stipulated distance along the route of the vehicle before the entrance to the curve. The present invention relates also to a system for the adaptation of the driving of a vehicle on a roadway in association with taking a curve. The present invention relates also to a motor vehicle. The present invention relates also to a computer program and a computer program product.

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