

Title (en)
METHOD FOR REGULATING THE DRIVING DYNAMICS OF A VEHICLE, DEVICE FOR CARRYING OUT THE METHOD AND USE THEREOF

Title (de)
VERFAHREN ZUR FAHRDYNAMIKREGELUNG EINES FAHRZEUGS, VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS UND IHRE VERWENDUNG

Title (fr)
PROCEDE DE REGULATION DE LA DYNAMIQUE DE ROULEMENT D'UN VEHICULE A MOTEUR, DISPOSITIF PERMETTANT LA MISE EN ŒUVRE DUDIT PROCEDE ET SON UTILISATION

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Application
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Abstract (en)
[origin: WO2005087521A1] The invention relates to a method for regulating the driving dynamics of a vehicle during which a set value (<ref) of a driving state variable, said set value corresponding to a driver input, is compared with a recorded actual value (?) of the driving state variable, and during which a rolling moment distribution is detected and modified. The method is carried out such that: a. a vehicle handling of the vehicle is determined based on the comparison of the set value (?ref) of the driving state variable with the actual value (?) of the driving state value; b. according to the determined vehicle handling, a new rolling moment distribution is determined that corresponds to a predetermined vehicle handling, and; c. the new rolling moment distribution is set. The invention also relates to a device for regulating the driving dynamics of a vehicle comprising means for supporting rolling moments on the front and rear axle of the vehicle and comprising sensors for recording at least one driving state variable (?) for the vehicle that is suited for carrying out the method. The device can be advantageously used in a yawing moment compensating system (ESP).

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