

Title (en)

METHOD AND DEVICE FOR MEASURING STATUS VARIABLES OF A VEHICLE.

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN VON FAHRZEUGZUSTANDSGRÖSSEN

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER DES GRANDEURS D'ETAT DE VEHICULE

Publication

**EP 1311416 A1 20030521 (DE)**

Application

**EP 00956417 A 20000810**

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Abstract (en)

[origin: WO0112483A1] The invention relates to a method and a device for measuring status variables of vehicles, whereby at least one parameter indicating the tendency of a vehicle to tilt around its longitudinal axis is measured and evaluated to detect the control or regulating parameters of the regulating system of a vehicle. In order to react as quickly as possible to the danger of vehicle tilting by conducting a regulating operation, at least one parameter indicating the tilting tendency of the vehicle is measured by continuously detecting said measuring variable in at least one degree of the vehicle on the inner and outer curve based on the measuring variable detected with the aid of wheel or wheel force sensors and which reflect the lateral force exerted on the tire or wheel and/or the contact force exerted on the tire or wheel. The direct forces exerted on the tire or wheels or the parameters derived therefrom and/or the signals formed by the correction variables or values such as filtered parameters are used as control or regulating parameters .

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