

Title (en)

METHOD AND DEVICE FOR INCREASING THE DRIVING STABILITY OF MOTOR VEHICLES

Title (de)

VERFAHREN SOWIE VORRICHTUNG ZUR FAHRSTABILITÄTSERHÖHUNG VON KRAFTFAHRZEUGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ACCROÎTRE LA STABILITÉ DE CONDUITE DE VÉHICULES AUTOMOBILES

Publication

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Application

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Abstract (en)

[origin: WO2006117062A1] The invention relates to a method and device for increasing the driving stability of motor vehicles (PB), comprising a hydraulically-operated device support (GT) for mounting a working device (FS). According to the invention, the device support (GT) is controlled at a given set position, whereby an actuating parameter for the positional control (PR) is given in the form of a hydraulic pressure set value and a hydraulic pressure is regulated to the given hydraulic pressure set value, whereby a stabilizing time for the pressure regulation is much smaller than a stabilizing time for the positional regulation. Said device comprises a position regulator (PR) for positional regulation of the device support (GT), whereby an actuating parameter of the position regulator (PR) is given in the form of a hydraulic pressure set value and a pressure regulator (RE) is coupled to the position regulator (PR) to regulate the hydraulic pressure to the given hydraulic pressure set value. The above is of application, for example, in snow piste-bashing machines.

IPC 8 full level

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