Title (en)

ELECTRONIC CONTROL METHOD FOR A SLIP-CONTROLLED MOTOR VEHICLE BRAKE SYSTEM

Title (de)

ELEKTRONISCHES REGELVERFAHREN FÜR EINE SCHLUPFGEREGELTE KRAFTFAHRZEUGBREMSANLAGE

Title (fr)

PROCEDE DE REGULATION ELECTRONIQUE POUR UN SYSTEME DE FREINAGE DE VEHICULE AUTOMOBILE A REGULATION DU GLISSEMENT

Publication

**EP 1646541 A1 20060419 (DE)**

Application

**EP 04766161 A 20040708**

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- DE 10355239 A 20031126

Abstract (en)

[origin: WO2005007475A1] The aim of the invention is to be able to estimate an admission pressure in a slip-controlled motor vehicle brake system by using little sensory effort. Said aim is achieved by the fact that a) an electronic unit (7) supplies the motor (15) with modulated electrical starting and/or shut-off phases (PWM) in order to control the rotational speed, b) a generator voltage generated by the motor (15) is tapped during a shut-off phase, c) the generator voltage (15) is fed to the electronic unit (7) which estimates the admission pressure prevailing in the brake system based on the determined generator voltage, so as to d) be able to trigger the electrohydraulic valves (9) in a noise-optimized manner.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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