Title (en)

HYDRAULIC MOTOR VEHICLE BRAKING SYSTEM WITH ELECTRONIC ANTI-LOCK CONTROL AND CIRCUIT FOR SUCH A BRAKING SYSTEM

Title (de)

HYDRAULISCHE KRAFTFAHRZEUGBREMSANLAGE MIT BLOCKIERSCHUTZREGELUNG UND SCHALTUNGSANORDNUNG FÜR EINE SOLCHE BREMSANLAGE

Title (fr)

SYSTEME DE FREINAGE HYDRAULIQUE POUR AUTOMOBILE A REGULATION ANTIBLOCAGE ET CIRCUITERIE POUR UN SYSTEME DE FREINAGE DE CE TYPE

Publication

**EP 0906209 A1 19990407 (DE)**

Application

**EP 97921800 A 19970426**

Priority

- DE 19624331 A 19960619
- EP 9702174 W 19970426

Abstract (en)

[origin: DE19624331A1] The essential components of a hydraulic braking system with electronic anti-lock control are a pedal-actuated brake master cylinder (1), electrically operable inlet and outlet valves (EV1 to EV4, AV1 to AV4), wheel sensors (S1 to S4) and an electronic control circuit (6). The brake master cylinder (1) is fitted with one or more travel sensors (5) for the direct or indirect detection of the pedal travel (S). Depending on the current driving situation, the braking situation and the pedal travel (S), the anti-lock control is switched over from a standard control mode of the safety control mode, which essentially permits a build-up of braking pressure in the front-wheel brakes and a release of braking pressure in the rear-wheel brakes during an anti-lock control process. Depending on the driving and braking situation, a limit (Splimit) is set for the pedal travel; when this limit is exceeded, the system changes over to the safety control mode.

IPC 1-7

**B60T 8/88**; B60T 8/44

IPC 8 full level

**B60T 8/36** (2006.01); **B60T 8/1764** (2006.01); **B60T 8/34** (2006.01); **B60T 8/42** (2006.01); **B60T 8/44** (2006.01); **B60T 8/88** (2006.01)

CPC (source: EP US)

**B60T 8/1764** (2013.01 - EP US); **B60T 8/348** (2013.01 - EP US); **B60T 8/42** (2013.01 - EP US); **B60T 8/44** (2013.01 - EP US); **B60T 8/885** (2013.01 - EP US)

Citation (search report)

See references of WO 9748584A1

Designated contracting state (EPC)

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