

Title (en)

BRAKE SYSTEM FOR MOTOR VEHICLES

Title (de)

BREMSANLAGE FÜR KRAFTFAHRZEUGE

Title (fr)

SYSTEME DE FREINAGE POUR VEHICULES A MOTEUR

Publication

EP 0814990 A1 19980107 (DE)

Application

EP 96905794 A 19960224

Priority

- DE 19508822 A 19950311
- EP 9600771 W 19960224

Abstract (en)

[origin: DE19508822A1] The proposal is for a brake system for motor vehicles having a pneumatic brake booster, the control valve of which can be actuated independently of the driver by an electromagnet. A regulation system containing a position controller affecting the position of the control valve supplies the signals representing the voltage to be supplied to the electromagnet. To obtain a convenient, finely metered outside actuation of the brake booster, according to the invention the position controller (18) takes the form of a comparator (33) with an upstream second summer (30) in which the initial value of the delay regulator (8) is compared with a weighted signal (SAistg) representing the speed of the armature (39), the initial value (SAW) of the delay regulator (8) corresponds to the position of the armature in relation to the housing (37) of the electromagnet (20) and the travel signal (SAist) corresponding to the actual status of the control valve (19) represents the actual position of the armature (39) in relation to the housing (37) of the electromagnet (20).

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9628330A1

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DOCDB simple family (publication)

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