Title (en)

METHOD AND BRAKE SYSTEM FOR CONTROL OF BRAKE PRESSURE BUILD-UP DURING A CONTROL PROCESS

Title (de)

VERFAHREN UND BREMSANLAGE ZUR STEUERUNG DES BREMSDRUCKAUFBAUS WÄHREND EINES REGELUNGSVORGANGES

Title (fr)

PROCEDE ET DISPOSITIF DE FREINAGE POUR LA COMMANDE DE L'ETABLISSEMENT DE LA PRESSION DE FREINAGE AU COURS D'UN PROCESSUS DE REGULATION

Publication

EP 0876270 A1 19981111 (DE)

Application

EP 97901044 A 19970116

Priority

- DE 19602244 A 19960123
- EP 9700180 W 19970116

Abstract (en)

[origin: DE19602244A1] A method is proposed for vehicles for an electronically-controlled brake system (e.g. ABS) where the rotational characteristics of the individual wheels is measured for the control of the brake pressure (re-) build-up during a control process, evaluated for the determination of the brake pressure control signals. According to this method, during the brake pressure control process, the brake pressure reduction in the preceding cycle (26) is taken into account, for control of the brake pressure re-build-up (27). According to the invention, a brake pressure rising gradient (G) is calculated on the basis of a brake pressure build-up in the preceding brake pressure build-up phase (25) and the brake pressure build-up or the process of the brake pressure build-up is calculated and given on the basis of this rising gradient (G) and of the calculated wheel brake cylinder pressure at the beginning of the current brake pressure build-up phase (27) and on the basis of the current, calculated blocking pressure level (N3) of the brake pressure build-up or the progress of the brake pressure build-up.

IPC 1-7

B60T 8/00

IPC 8 full level

B60T 8/58 (2006.01); **B60T 8/1761** (2006.01); **B60T 8/50** (2006.01)

CPC (source: EP US)

B60T 8/17616 (2013.01 - EP US); **B60T 8/5006** (2013.01 - EP US); **B60T 8/5056** (2013.01 - EP US)

Citation (search report)

See references of WO 9727090A1

Cited by

DE102007019929A1; US8620556B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 19602244 A1 19970724; **DE 19602244 B4 20150917**; EP 0876270 A1 19981111; JP 2000503929 A 20000404; JP 3880625 B2 20070214; US 6238020 B1 20010529; WO 9727090 A1 19970731

DOCDB simple family (application)

DE 19602244 A 19960123; EP 9700180 W 19970116; EP 97901044 A 19970116; JP 52649097 A 19970116; US 11716699 A 19990301