

Title (en)

CONTROL DEVICE FOR A BRAKE SYSTEM AND METHOD FOR GENERATING A FEEDBACK WHEN ACTUATING THE BRAKE DEVICE

Title (de)

STEUERVORRICHTUNG FÜR EIN BREMSSYSTEM UND VERFAHREN ZUR ERZEUGUNG EINES FEEDBACKES BEI BETÄTIGUNG DER BREMSEINRICHTUNG

Title (fr)

DISPOSITIF DE COMMANDE D'UN SYSTEME DE FREINAGE ET PROCEDE POUR GENERER UNE INFORMATION EN RETOUR LORS DE L'ACTIONNEMENT D'UN DISPOSITIF DE FREINAGE

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Abstract (en)

[origin: WO03000529A1] The invention relates to a method for ensuring a feedback concerning the magnitude of the braking action for the operator of a brake device when operating a brake device of this type in brake systems that are provided with at least two brake circuits, a first electro-pneumatic brake circuit and with a second, mechanical-pneumatic brake circuit. The brake device comprises a braking power sensor (8; 8.2) and an actuating device (5, 6; 6.2) that is coupled to the braking power sensor (8; 8.2). The first electro-pneumatic brake circuit (3; 3.2) comprises a control device (9; 9.2) and a pressure regulating module (10; 10.2), and the second pneumatic brake circuit (4; 4.2) comprises a mechanically actuatable service brake valve device (15; 15.2) whose piston element is coupled to the actuating device (6; 6.2) via a pedal force piston (48). The invention is characterized in that the pressure generated in the pressure regulating module (10; 10.2) located in the first electro-pneumatically actuatable brake circuit (3; 3.2) is used for producing a counterforce on the actuating device (6; 6.2).

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