

Title (en)

Vehicle braking system with a gas hydraulic accumulator

Title (de)

Fahrzeuggesteueranlage mit einem Gasdruckspeicher

Title (fr)

Système de freinage de véhicule avec un accumulateur hydraulique à gaz

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Application

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Abstract (en)

[origin: WO0134984A2] The invention relates to a vehicle braking system comprising a gas hydraulic accumulator (10) with a housing (12), whose interior is divided by metal bellows (16) into a gas-filled gas chamber (20) and a fluid chamber (22). A pressurised fluid can be supplied to and conveyed from said fluid chamber (22) via a supply line (24). A valve assembly (74) is provided between the fluid chamber (22) and the supply line (24), which closes if the pressure in the supply line (24) falls below a minimum value and opens if the pressure exceeds said minimum value. In order to increase the operating security of the gas hydraulic accumulator (10), the valve assembly (74) closes if the pressure in the supply line (24) exceeds a maximum value and opens if the pressure falls below said maximum value.

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