

Title (en)

HYDRAULIC ACCUMULATOR SYSTEM AND METHOD FOR OPERATING A HYDRAULIC ACCUMULATOR SYSTEM

Title (de)

HYDRAULIKSPEICHEREINRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER HYDRAULIKSPEICHEREINRICHTUNG

Title (fr)

DISPOSITIF DE STOCKAGE HYDRAULIQUE ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE STOCKAGE HYDRAULIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011009659A1] The invention describes a method and a device which, as part of an overall brake system # i.e. a brake system consisting of a conventional part and a further, for example recuperative part, can cause volume displacements in a brake circuit or in a piston-cylinder unit on a brake pedal. This is used in order to compensate for a change in the pressure conditions through the controllable servobrake in the hydraulic part of the brake system owing to an additional braking action of the further part of the brake system and thereby to blend braking actions of different brake systems to form an overall braking action without the driver realizing this at the brake pedal by changing the position of the pedal. The method can be used, for example, in vehicles in which a braking deceleration is caused by operating an electric machine as a generator to produce current and which additionally have a conventional, hydraulic brake system as a further brake system or backup brake system.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2011009659A1

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