

Title (en)
HYDRAULIC BRAKING SYSTEM OPERATED BY AN EXTERNAL FORCE

Title (de)
HYDRAULISCHE FREMDKRAFTBREMSANLAGE

Title (fr)
FREIN HYDRAULIQUE ACTIONNE PAR UNE FORCE EXTERIEURE

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Application
EP 02758380 A 20020723

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• EP 0208187 W 20020723

Abstract (en)
[origin: WO03029062A1] The invention relates to a hydraulic braking system for vehicles, in particular motor vehicles. Said system comprises a primary pressure source (2', 2''), supplied with external energy, which supplies the wheel brakes (5) with braking pressure during normal operation, in addition to a pedal-operated auxiliary pressure source (10), which supplies the wheel brakes with braking pressure during emergency operation. To improve safety, a special hydraulic circuit necessitates a closure without leakage of only a comparatively small number of valves between the wheel brakes and a hydraulic reservoir (3) during emergency operation. The safety aspect can be improved by a series connection of the valves.

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