

Title (en)

ELECTRO-HYDRAULIC BRAKE SYSTEM AND VEHICLE BRAKE HAVING THE SAME

Title (de)

ELEKTROHYDRAULISCHES BREMSYSTEM UND FAHRZEUGBREMSE DAMIT

Title (fr)

SYSTÈME DE FREIN ÉLECTRO-HYDRAULIQUE ET FREIN DE VÉHICULE ÉQUIPÉ DE CE SYSTÈME

Publication

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Application

EP 09798494 A 20090623

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- US 17624208 A 20080718

Abstract (en)

[origin: WO2010008842A1] An electro-hydraulic brake system for a vehicle can include a hydraulic piston that exerts a force on a brake pad in a direction away from a brake disk and opposite to a force exerted, e.g., by a spring, on the brake pad in a direction toward the disk. A hydraulic pressure actuator can in one embodiment actuate the hydraulic piston to hold the brake in a disengaged position. A controller can in one embodiment actuate the hydraulic pressure actuator to advance the brake pad into engagement with the disk to exert a braking force based on a brake command signal, and can in one embodiment actuate the hydraulic pressure actuator to retract the brake pad from engagement with the disk upon receipt of a brake release signal. The brake pad can move into engagement with the brake disk when an emergency (e.g., loss of power or hydraulic pressure) occurs.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2010008842A1

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