

Title (en)

HYDRAULIC VEHICLE BRAKING SYSTEM

Title (de)

HYDRAULISCHE FAHRZEUGBREMSANLAGE

Title (fr)

SYSTEME DE FREINAGE HYDRAULIQUE DE VEHICULE

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Application

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Abstract (en)

[origin: WO2004005098A1] The invention relates to a hydraulic braking system, comprising a braking pressure sensor (167) which can be actuated by a braking actuation device, especially a brake pedal (26), and which can be connected to a wheel brake (30,31) of the vehicle by a hydraulic line (14). According to the invention, the brake pressure sensor essentially consists of a master brake cylinder (11) and an upstream hydraulic booster (7) which is connected to a pressure medium reservoir (13) by means of a line (12) wherein a first analogous or analogized valve (6) is arranged and which comprises a booster chamber (47) which is arranged in a substantially coaxial manner with respect to the master brake cylinder in addition to a booster piston (41) which is arranged therein and which is actively connected to a master brake cylinder piston in the direction of outgoing power via an actuation element (42) and which can be impinged upon with hydraulic pressure from an external pressure source (4, 19, 20) in order to boost braking force, said pressure source being connected to the hydraulic booster (7) by means of a line wherein a second analogous or analogized valve (5) is arranged.

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