

Title (en)

BRAKE SYSTEM OF A VEHICLE COMPRISING A VEHICLE DYNAMICS CONTROLLER AND A PRESSURE SENSOR INTEGRATED IN A SHUTTLE VALVE

Title (de)

BREMSSYSTEM EINES FAHRZEUGS BEINHALTEND EINE FAHRDYNAMIKREGELUNG UND EINEN IN EIN WECHSELVENTIL INTEGRIERTEN DRUCKSENSOR

Title (fr)

SYSTÈME DE FREINAGE D'UN VÉHICULE COMPRENANT UNE RÉGULATION DE COMPORTEMENT DYNAMIQUE ET UN CAPTEUR DE PRESSION INTÉGRÉ DANS UNE SOUPEPE D'INVERSION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009077090A1] The invention relates to a braking system of a vehicle comprising a vehicle dynamics controller (ESP) for influencing the vehicle behavior in the dynamic driving limit range, having an operating brake valve for generating a pressure depending on a driver's desired braking, at least one pressure sensor (3) for generating a signal depending on a pressure generated by the operating brake valve, at least one shuttle valve (2) comprising a valve member (1) for transmitting the pressure generated by the operating brake valve or an accumulator pressure or a pressure derived therefrom to at least one brake cylinder, depending on the level of each pressure applied to the valve member (16). According to the invention, at least one pressure sensor (3) is integrated in a shuttle valve (2) and is integrated therewith to form an assembly (4).

IPC 8 full level

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