

Title (en)
HYDRAULIC SUSPENSION SYSTEM FOR A VEHICLE

Title (de)
HYDRAULISCHES AUFHÄNGUNGSSYSTEM FÜR EIN FAHRZEUG

Title (fr)
SYSTEME DE SUSPENSION HYDRAULIQUE D'UN VEHICULE

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Application
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Abstract (en)
[origin: WO2017162951A1] The invention relates to a hydraulic suspension system for a vehicle, in particular a motor vehicle. Said hydraulic suspension system comprises a hydraulic compression abutment (9b), the piston and cylinder of which are to move relative to one another via the piston of a damper (1) when the damper piston reaches a first compression position in the damper cylinder, a mechanical compression abutment (7b) that is to be compressed between the damper cylinder and the vehicle body when the damper piston reaches a second compression position (CA2) in the damper cylinder that is greater than the first compression position (CA1), and a suspension spring, the stiffness of which is such that the resonant frequency of the vehicle body lies in the range of 1 Hz to 1.1 Hz. The invention applies to the automotive industry.

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