

Title (en)  
HYDRAULIC SHOCK ABSORBER FOR A MOTOR VEHICLE SUSPENSION

Title (de)  
HYDRAULISCHER STOSSDÄMPFER FÜR EINE KRAFTFAHRZEUGAUFHÄNGUNG

Title (fr)  
AMORTISSEUR HYDRAULIQUE DE SUSPENSION DE VÉHICULE AUTOMOBILE

Publication  
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Application  
**EP 22731736 A 20220516**

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Abstract (en)  
[origin: WO2023275447A1] The invention relates to a hydraulic shock absorber (10) comprising: - a compression piston (23) provided with a first fluid-passage groove (28) positioned facing the first leakage passage (19) in a rest position, the compression piston (23) being able to slide radially towards the rod (13) of the main piston (12) under the effect of a fluid pressure during a compression phase in order to progressively close the first leakage passage (19), and - an expansion piston (31) equipped with a second fluid-passage groove (37) positioned facing the second leakage passage (20) when the expansion piston (31) is in a rest position, the expansion piston (31) being able to slide radially towards the rod (13) of the main piston (12) under the effect of a fluid pressure during an expansion phase in order to progressively close the second leakage passage (20).

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