

Title (en)  
MOUNTING DEVICES

Title (de)  
BEFESTIGUNGSVORRICHTUNG

Title (fr)  
BLOC SUPPORT

Publication  
**EP 0792424 A1 19970903 (EN)**

Application  
**EP 95938539 A 19951204**

Priority  
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Abstract (en)  
[origin: WO9617184A1] A hydraulic mounting device (1) has a primary hydraulic chamber (8) whose deformable side wall (81) lacks load-bearing resilience, connected through an access opening (61) to a secondary hydraulic chamber (9) whose deformable wall (91) may or may not have load-bearing resilience. A control valve (10, 34) is provided to open or close the access opening and thereby adjust the stiffness of the device. In particular the stiffness may be adjusted between an essentially rigid condition in which the mounting device transmits applied vibrations and shocks to an additional shock-absorbing means e.g. a hydraulically-damped mounting device, and a non-stiff condition in which the mounting device prevents transmission of certain vibrations to the other device. It may for example prevent transmission of engine idling vibrations which the other device cannot conveniently be tuned to absorb. Other embodiments combine the stiffness-adjustment hydraulic system in one device with load-bearing springs which may be hydraulically damped resilient members.

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