

Title (en)  
HYDRAULIC ACCUMULATOR

Title (de)  
HYDROSPEICHER

Title (fr)  
ACCUMULATEUR HYDRAULIQUE

Publication  
**EP 1334280 B1 20050810 (DE)**

Application  
**EP 01994545 A 20011107**

Priority  
• DE 10057746 A 20001116  
• EP 0112842 W 20011107

Abstract (en)  
[origin: US2002056275A1] A hydraulic accumulator, particularly a floating piston accumulator, has a housing containing at least one gas chamber and one fluid chamber. The chambers are separated from one another by a barrier element. One of the chambers can be filled with a pressure medium or can be at least partially emptied through a controlling valve assembly having at least one control valve. The controlling valve assembly is an integral component part of the housing, is attached at an end to the housing and is configured as a solid control block. The control block includes the control valve. A costly network of lines between the hydraulic accumulator and the controlling valve assembly is avoided and sealing or leakage problems customary in networks of lines can be totally avoided.

IPC 1-7  
**F15B 1/033**; **F15B 1/22**; **F15B 1/24**

IPC 8 full level  
**F15B 1/033** (2006.01); **F15B 1/22** (2006.01); **F15B 1/24** (2006.01); **F15B 13/00** (2006.01)

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