

Title (en)  
PRESSURE MEDIUM RESERVOIR

Title (de)  
DRUCKMITTELSPEICHER

Title (fr)  
RESERVOIR DE PRESSION

Publication  
**EP 1438515 A1 20040721 (DE)**

Application  
**EP 02781229 A 20021009**

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- DE 10157146 A 20011122
- DE 10214871 A 20020404
- EP 0211288 W 20021009

Abstract (en)  
[origin: US2004250866A1] A pressure fluid accumulator with a housing having its interior subdivided by a media-separating element into two chambers, the first chamber being filled with a gas and the second chamber being filled with a liquid, and wherein in a hydraulic port a bottom valve is provided which permits filling the second chamber with liquid and prevents complete evacuation of the second chamber, and the valve's closure member is operable by the media-separating element. In order to prevent, especially at low temperatures and high viscosity of the pressure fluid, damage of the media-separating element caused by a high differential pressure, a device is provided between the media-separating element and the bottom valve.

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**F15B 1/22**

IPC 8 full level  
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See references of WO 03033915A1

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