

Title (en)
PRESSURE MEANS STORAGE DEVICE

Title (de)
DRUCKMITTELSPEICHER

Title (fr)
ACCUMULATEUR D'AGENT DE PRESSION

Publication
EP 1133641 B1 20040609 (DE)

Application
EP 99956001 A 19991116

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Abstract (en)
[origin: US6478051B1] The present invention discloses a pressure fluid accumulator with a housing having its interior subdivided into two chambers by a media-separating element, 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 whose closure member is operable by the media-separating element and which permits filling the second chamber with liquid and prevents complete evacuation of the second chamber. In order to prevent a damage of the bottom valve and an inadvertent escape of fluid and, thus, ensure a considerable increase in the reliability in operation, according to the present invention, the closure member can be moved by the media-separating element to adopt a position in which it fulfils the function of a hydraulic piston.

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