

Title (en)  
Hydropneumatic accumulator

Title (de)  
Hydropneumatischer Druckspeicher

Title (fr)  
Accumulateur hydropneumatique

Publication  
**EP 1517048 B1 20070509 (DE)**

Application  
**EP 04030566 A 20020309**

Priority  
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Abstract (en)  
[origin: WO02079653A1] The invention relates to a hydropneumatic pressure reservoir (1) with a housing formed from at least two housing shells (3, 5) which may be connected together. At least the end region of the one housing shell (5) comprises an outwardly-extending, funnel-like guide surface between the free end thereof and a sealing element for bringing together the both housing shells (3, 5). At least one elastic sealing element (41) is provided on at least one retaining surface for generation of a tensioning force on the boundary region (21) of the membrane (13). A simplified construction with improved sealing in the critical connection region of the pressure reservoir may thus be achieved.

IPC 8 full level  
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DOCDB simple family (publication)  
**WO 02079653 A1 20021010**; DE 10116235 A1 20021017; DE 50204867 D1 20051215; DE 50210143 D1 20070621; EP 1373736 A1 20040102; EP 1373736 B1 20051109; EP 1517048 A2 20050323; EP 1517048 A3 20051109; EP 1517048 B1 20070509; JP 2004523710 A 20040805; JP 4188697 B2 20081126; US 2004045615 A1 20040311; US 6857450 B2 20050222

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