

Title (en)
FLUID-ACCUMULATOR

Publication
EP 0371321 B1 19920527 (DE)

Application
EP 89121122 A 19891115

Priority
• DE 3840369 A 19881130
• DE 3916854 A 19890524

Abstract (en)
[origin: EP0371321A1] A fluid accumulator is proposed in which a fluid may be applied via a fluidic connection (11) to a pressure chamber formed by a cylinder (10) and a piston (15), the pressure chamber having at least one wall that can be moved against a supporting force and is constructed as a piston. In order to generate the supporting force, an elastic body (22) moulded from wire material is provided, the wire material of which is knitted and/or corrugated and/or rolled and/or woven and/or intertwined. Such an accumulator is non-ageing and thermostable, and has a long service life and high overload capability. In addition, the elastic body generates frictional attenuation, which is advantageously apparent in the case of pressure peaks and pulsations. <IMAGE>

IPC 1-7
F15B 1/04; **F16L 55/05**

IPC 8 full level
F15B 1/04 (2006.01); **F16L 55/05** (2006.01)

CPC (source: EP)
F15B 1/04 (2013.01); **F15B 2201/20** (2013.01); **F15B 2201/312** (2013.01); **F15B 2201/41** (2013.01)

Citation (examination)
• DE 2105640 A1 19720817
• DE 3441484 A1 19860313 - KUBOTA LTD [JP]
• Zeitschrift "Industrieanzeiger", Nr. 94, 24.11.1982/104. Jg. Seiten 16 und 17

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DOCDB simple family (publication)
DE 3916854 A1 19890928; **DE 3916854 C2 19910221**; DE 58901541 D1 19920702; EP 0371321 A1 19900606; EP 0371321 B1 19920527; ES 2031338 T3 19921201; GR 3005051 T3 19930524; HU 210419 B 19950428; HU 896313 D0 19900228; HU T55873 A 19910628

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