

Title (en)
Hydropneumatic pressure transformer

Title (de)
Hydropneumatischer Druckübersetzer

Title (fr)
Multiplicateur de pression pneumo-hydraulique

Publication
EP 0577955 B1 19970409 (DE)

Application
EP 93107954 A 19930515

Priority
DE 4221638 A 19920702

Abstract (en)
[origin: EP0577955A1] The invention relates to a hydropneumatic pressure transformer in which a storage space (9) and a working space (1) with an overflow bore (17) are connected to one another, into which a plunger piston (15) plunges to produce a pressure stage and thereby separates the two spaces and produces a high pressure in the working space (1). According to the invention, an additional connecting passage (19) with a non-return valve (21, 22) is provided.

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F15B 3/00; **F15B 11/02**

IPC 8 full level
F15B 3/00 (2006.01); **F15B 11/02** (2006.01); **F15B 11/032** (2006.01)

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Cited by
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DOCDB simple family (publication)
EP 0577955 A1 19940112; **EP 0577955 B1 19970409**; AT E151504 T1 19970415; CA 2099469 A1 19940103; CA 2099469 C 19990921; DE 4221638 A1 19940303; DE 4221638 B4 20051103; DE 59306086 D1 19970515; DK 0577955 T3 19971020; ES 2101160 T3 19970701; JP H06213202 A 19940802; KR 100292553 B1 20010601; KR 940002509 A 19940217; US 5381661 A 19950117

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