

Title (en)

Valve arrangement for controlling and maintaining the pressure

Title (de)

Druckregel- und -halteventilanordnung

Title (fr)

Agencement d'une soupape pour commander et maintenir une pression

Publication

EP 1045120 B1 20030813 (DE)

Application

EP 99125499 A 19991221

Priority

DE 19917182 A 19990416

Abstract (en)

[origin: EP1045120A1] The shut-off component (7) of the valve is connected to a membrane (13) which on one side limits a membrane chamber (14) which by a connecting pipe (15) is connected directly to a pressure connection (16) on the pump, and on the other side limits a control pressure chamber (17) which via a control valve (18) is connected to the membrane chamber and via the connecting pipe is connected to the pressure connection of the pump, and furthermore is connected to the return connection (11) via another connecting pipe (

IPC 1-7

F01P 7/16

IPC 8 full level

F01P 7/16 (2006.01); **F01P 5/10** (2006.01); **F01P 7/14** (2006.01)

CPC (source: EP)

F01P 7/16 (2013.01); **F01P 5/10** (2013.01); **F01P 2007/146** (2013.01); **F01P 2070/08** (2013.01)

Cited by

EP1998020A3; EP1998021A3; JP2016536521A; CN106170614A; US10060328B2; EP1998021A2; WO2015030724A1

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