

Title (en)
VALVE, DEVICE AND METHOD FOR GENERATING A FLUID PULSE

Title (de)
VENTIL, VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG EINES FLUIDPULSES

Title (fr)
SOUPAPE, DISPOSITIF ET PROCÉDÉ DE PRODUCTION D'UNE IMPULSION FLUIDIQUE

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Priority

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Abstract (en)
[origin: US2010089460A1] The invention relates to a valve (16), in which a fluid inlet opening provided in a valve housing (1) is connected to a fluid outlet opening (3) downstream of the fluid inlet opening by a fluid passage (2) and with a valve closing body (6) which may be moved between a first position which opens the fluid outlet opening (3) and a second position closing the fluid outlet opening (3) by means of an actuator, said body being housed in the valve housing (1). According to the invention, pressure waves are avoided by at least one fluid drain channel (5) branching off the fluid passage (2) via at least one fluid drain opening (4) in the vicinity of the fluid outlet opening (3) and a device is provided in the valve housing for the alternate opening of the fluid drain opening (3) and the fluid outlet opening (4) such that fluid may continuously flow through the fluid passage (2).

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