

Title (en)  
VALVE SYSTEM

Title (de)  
VENTILANORDNUNG

Title (fr)  
SYSTÈME DE VANNE

Publication  
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Application  
**EP 10768695 A 20101014**

Priority  
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Abstract (en)  
[origin: WO2011045063A1] The invention relates to a valve assembly for regulating the pressure of a pressure medium (2) of a pressure medium pump (3) to at least one first consumer (4), comprising a pilot-controlled pressure control valve (5), a main piston (6) acted on by the pressure medium (2), and a pilot piston (7), wherein a pressure chamber (8) between a piston back side (9) of the main piston (6) and the pilot piston (7) can be relieved, is characterized in that a relief valve (10) is connected in a fluid-conducting manner to the pressure chamber (8), which valve opens when pressure medium pressure is present at the load sensor (LS), which represents an out-of-operation mode of the consumer (4), and recirculates pressure medium (2) having a low pressure to a pressure medium reservoir (11) or to the pressure medium pump (3), and the relief valve (10) closes, when the pressure medium pressure at the load sensor (LS) represents an in-operation mode of the consumer (4).

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