

Title (en)
VALVE

Title (de)
VENTIL

Title (fr)
SOUPAPE

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Application
EP 18766189 A 20180905

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Abstract (en)
[origin: WO2019048455A1] The invention relates to a valve, in particular for use as a pressure balance (38) in lifting devices (2) that can be actuated hydraulically, comprising a valve housing (54) which has a control connection (40) and a fluid inlet (64) and a fluid outlet (66), and comprising a control piston (68) longitudinally movably arranged in the valve housing (54), which, counter to the action of an energy reservoir (70), in particular in the form of a compression spring, by means of a control pressure prevailing on the control connection (40), moves the control piston (68) into at least one position forming a fluid-carrying connection between the fluid inlet (40) and the fluid outlet (66) or blocks said connection Said valve is characterized in that in the control piston (68) there is arranged a first aperture (88), which connects the control connection (40) to a receiving chamber (62) and the energy reservoir (70) in a fluid-carrying manner, and in that a second aperture (90) is arranged in an intermediate part (72) in the valve housing (54), by means of which the receiving chamber (62) can be connected to a compensating chamber (92), which has a fluid-carrying connection (98 to) the fluid outlet (66).

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