

Title (en)

VALVE ARRANGEMENT HAVING INDIVIDUAL PRESSURE SCALE AND LOAD-LOWERING VALVE

Title (de)

VENTILANORDNUNG MIT INDIVIDUALDRUCKWAAGE UND SENKBREMSVENTIL

Title (fr)

AGENCEMENT DE SOUPAPE AVEC UN MANOMETRE A PISTON INDIVIDUEL ET UNE SOUPAPE DE FREIN D'ABAISSMENT

Publication

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Application

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Abstract (en)

[origin: US2010139476A1] The invention discloses a valve arrangement for supplying pressure medium to a hydraulic load (2) having a directional valve (8), which has an inflow measuring diaphragm (10, 12) and a directional part (14, 16) flowing in the flow direction. The directional valve is associated with an individual pressure scale (18). In a return from the load, a load-lowering valve (44, 46) is provided, to which a pilot pressure is applied in the opening direction. According to the invention, said pilot pressure is tapped in channel between the pressure scale and the directional part.

IPC 8 full level

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