

Title (en)
VALVE ARRANGEMENT FOR ACTUATING A LOAD

Title (de)
VENTILANORDNUNG ZUR ANSTEUERUNG EINES VERBRAUCHERS

Title (fr)
SYSTEME DE VANNE POUR COMMANDER UN CONSOMMATEUR

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Application
EP 10784445 A 20101109

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• EP 2010006814 W 20101109

Abstract (en)
[origin: WO2011072778A1] The invention relates to a valve arrangement for actuating a load (2), having an infinitely variable directional control valve (3) acting as inlet throttle via which a pump connection (P) can be connected to load connections (A, B). The load (2) is connected via working lines (4, 5) to the directional control valve (3) and a discharge volumetric flow (6) of a pressure medium (7) from the load (2) can be adjusted via a throttle device (8) on the basis of a load signal (LS) of the load (2). The throttle device (8) can be adjusted by a dynamic pressure (p') derived from the load signal (LS). The valve arrangement is characterised in that the throttle device (8) is actuated via a hydraulic circuit (17), which detects the magnitude and direction of a pressure medium flow (7) to the load (2).

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Citation (search report)
See references of WO 2011072778A1

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