

Title (en)
CONTROL ARRANGEMENT FOR A HYDRAULIC MOTOR

Title (de)
STEUERVORRICHTUNG FÜR EINEN HYDRAULIKMOTOR

Title (fr)
MECANISME DE COMMANDE DE MOTEUR HYDRAULIQUE

Publication
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Application
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Priority
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• DK 9900011 W 19990108

Abstract (en)
[origin: DE19800722A1] A control arrangement for a hydraulic motor, which is, at least in one working direction, loadable by an external force, with a control valve (3) having in this working direction an inflow control throttle (5) in an inflow path (6), and a return control throttle (7) in a return path (8). Further, a load retaining valve (10) is arranged in the return path (8), which is loaded in the closed position by its outlet pressure (PF) and a spring (11) and in the opening direction by the motor inflow pressure (PA). Besides, means are provided for increasing the pressure drop between load retaining valve (10) and tank connection (T) to a value higher than the pressure drop between pump connection (P) and inflow motor connection (A). This gives a better stabilisation towards oscillations.

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