

Title (en)
HYDRAULIC VALVE DEVICE

Title (de)
HYDRAULISCHE VENTILVORRICHTUNG

Title (fr)
DISPOSITIF DE SOUPAPE HYDRAULIQUE

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Application
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Abstract (en)
[origin: WO2010130334A1] The invention relates to a hydraulic valve device (1) having a fluid connection arrangement (10) comprising a multiplicity of fluid connection points which can at least partially be actuated by means of a control device (18). As a result of the fact that, by way of a means (2) for measuring the load pressure, the control device (18) can be moved into a rapid traverse position when a maximum load pressure is exceeded in a power stroke position and vice versa, and that at least one fluid-conducting working chamber of a consumer (4) is connected to one of the use connections (A) during a switch of the control device (18) for a change from power stroke to rapid traverse, a jerk-free transition from a working stroke to a rapid traverse is attained and a homogeneous, jerk-free return to the working stroke is enabled when an overload situation is encountered in the rapid traverse.

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