

Title (en)
HYDRAULIC VALVE DEVICE

Title (de)
HYDRAULISCHE VENTILVORRICHTUNG

Title (fr)
ENSEMBLE DISTRIBUTEUR HYDRAULIQUE

Publication
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Application
EP 08849706 A 20081113

Priority
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• DE 102007054135 A 20071114

Abstract (en)
[origin: WO2009062707A1] The invention relates to a hydraulic valve device having a fluid connector arrangement (10) comprising at least one pressure supply connector P for providing a pump pressure, a return flow connector R, - a section load sensing connector LS, two control connectors P'A and P'B, and two utility connectors A, B for providing a utility connection pressure, and having a displaceable control device (18) for at least partially controlling the connector arrangement (10), wherein a pressure balance (14) is connected upstream of the control device (18), and wherein the pressure balance (14) comprises a check valve (56). Because a fluid-conducting connection to the reverse flow connector R may be produced by means of the pressure balance (14) and the pressure balance (14) interacts with the check valve (56) such that, at least during control processes of the pressure balance (14) relating to the pressure supply connector P, the check valve (56) is held in the open position thereof such that fluid flowing back from one of the control connectors P'A, P'B flows in the direction of the return flow connector R controlled by the pressure balance (14), the control options are broadened for the valve device according to the invention.

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