

Title (en)

MANUALLY OPERATED CONTROL DEVICE, ESPECIALLY FOR HYDRAULICALLY ACTUATING HYDRAULIC VALVES

Title (de)

HANDBETÄTIGTES STEUERGERÄT, INSBESONDERE ZUR HYDRAULISCHEN BETÄTIGUNG VON HYDRAULISCHEN VENTILEN

Title (fr)

APPAREIL DE COMMANDE ACTIONNE MANUELLEMENT, SERVANT NOTAMMENT A L'ACTIONNEMENT HYDRAULIQUE D'ORGANES D'OBTURATION HYDRAULIQUES

Publication

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Application

**EP 99946163 A 19990911**

Priority

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Abstract (en)

[origin: DE19844860A1] The invention relates to a manually operated control device, especially for hydraulically actuating hydraulic valves. Such a known control device is provided with a control lever (21) which can be universally swiveled around the swivel axis (23) from a neutral position around axes which lie in a plane of axes and intersect in a swivel axis. The device has at least two control signal transmitters (11) which are arranged 90 DEG away from each other in relation to a lever axis which is perpendicular to the axial plane and intersects the swivel axis. The two control signal transmitters can be operated either singly or jointly by an actuator (30) to generate a control signal, which actuator is substantially parallel to the axial plane and is fastened to the control lever (21). For the control device to be able to actuate a plurality of hydraulic valves with as little complication as possible the invention provides the following solution: An additional control signal transmitter is arranged between the two first control signal transmitters. The control lever (21) can be swiveled together with the actuator around the lever axis from a first swivel position, in which the first control signal transmitters can be operated by the actuator, to a second position and vice versa. The actuator is provided with a recess (32) which permits actuation of the additional control signal transmitter only in the second swivel position.

IPC 8 full level

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