

Title (en)

Hydraulic valve control with pressure piloted two ways valve

Title (de)

Hydraulische Ventilanordnung mit einem druckgesteuerten Wegeventil

Title (fr)

Appareil de commande hydraulique avec une soupape à deux voies pilotée par pression

Publication

EP 0778419 B1 20010124 (DE)

Application

EP 96118169 A 19961113

Priority

DE 19545657 A 19951207

Abstract (en)

[origin: EP0778419A2] The pressure-controlled directional valve (19) has two working ports (A,B) and a control port (X) which receives the pressure from the first working port (A) via a first constriction (25) and first non-return valve (23). These are bypassed by a first pilot valve (21) in its open position. The control port also receives the pressure from the second working port (B) via a second constriction (24) and second non-return valve (22), which are bypassed likewise by a second pilot valve (20) in its open position. The working ports are connected to pressure transducers (30,31) supplying voltages to the control unit (15) of the motor-driven pump (2).

IPC 1-7

F15B 13/02

IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 0778419 A2 19970611; EP 0778419 A3 19980603; EP 0778419 B1 20010124; DE 19545657 A1 19970612; DE 59606377 D1 20010301

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