

Title (en)
PRESSURE REDUCING VALVE WITH FLOATING STEM FOR MAKE-UP VENT

Publication
EP 0056024 B1 19850814 (EN)

Application
EP 81900691 A 19800616

Priority
US 8000765 W 19800616

Abstract (en)
[origin: WO8103686A1] A fluid control system for controlling a fluid motor (12) wherein a pressure regulating pilot valve (10) controls a directional control valve (11) by manipulation of handle (21) associated with the pilot valve (10). The directional control valve (11) includes a make-up valve (84). The pilot valve (10) includes a spool (26) having a recess (98) providing selective communication between the backside of the movable valve member (86) of the make-up valve and an exhaust recess (100) communicating with the reservoir tank (36). A direct mechanical connection is provided from the handle (21) to the spool (26) as the result of an abutment of an upper end portion (102) of the spool (26) with a surface (49) on the plunger (28) engaged by the control handle in effecting the positive movement of the spool (26) to effect the desired communication between the recess (98) and recess (100). The spool normally is resiliently movable to effect a desired pressure regulation fluid flow through the pilot valve (10).@00

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WO 8103686 A1 19811224; BE 888847 A 19811119; BR 8009084 A 19820427; DE 3070995 D1 19850919; EP 0056024 A1 19820721; EP 0056024 A4 19831006; EP 0056024 B1 19850814; IT 1189018 B 19880128; IT 8122087 A0 19810602; IT 8122087 A1 19821202; JP H0139482 B2 19890822; JP S57500842 A 19820513; MX 155968 A 19880603; SG 17287 G 19870724

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