

Title (en)

PRESSURE COMPENSATOR VALVE FOR A HYDRAULIC PROPORTIONAL DIRECTIONAL VALVE, AND HYDRAULIC DIRECTIONAL VALVE COMPRISING IT

Publication

EP 0306368 B1 19910502 (FR)

Application

EP 88402007 A 19880802

Priority

FR 8711435 A 19870803

Abstract (en)

[origin: JPS6449701A] PURPOSE: To prevent drop of efficiency of the distributor by forming a notch in the compensation slide valve and constituting the closure means with an annular valve arranged on the periphery of the notch. CONSTITUTION: A compensator slide valve 60 is constituted by an obturator guide member 61 and a notch 62 on the extension of the obturator. An annular valve 63 slideable along the notch 62 is arranged on the periphery of the notch 62. A conduit 68 communicating with a back chamber 69 and a feed chamber 70 of the annular valve 63 is formed on a stator body 65. In this way, even if the supply of the actuating fluid is in large amount, it is still possible to reduce the pressure loss when the fluid flows through the compensatory slide valve 60. Therefore, it is possible to prevent the drop of efficiency of the distributor.

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F15B 11/05

IPC 8 full level

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