

Title (en)

HIGH-PRESSURE HYDRAULIC DIRECTIONAL CONTROL VALVE WITH A PILOT PRESSURE GENERATOR

Publication

EP 0176381 B1 19880511 (FR)

Application

EP 85401579 A 19850801

Priority

FR 8413505 A 19840831

Abstract (en)

[origin: US4610271A] A high pressure hydraulic distributor with a pilot pressure generator, in which a device for reducing pressure is integrated into a distribution section of a compound high pressure hydraulic distributor. The displacement of the slide of the distributor of the section concerned modifies automatically the calibration of the pressure reducer and permits obtaining a reduced pressure which is a function of the displacement of the slide. This reduced pressure is utilized as the pilot pressure for the control means of the source of hydraulic fluid pressure which feeds the distributor.

IPC 1-7

F15B 13/04; B66F 9/22

IPC 8 full level

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CPC (source: EP US)

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EP 85401579 A 19850801; DE 3562653 T 19850801; FR 8413505 A 19840831; JP 19003785 A 19850830; US 76380985 A 19850808