

Title (en)

Proportional valve and control system with a plurality of actuators having each such a valve.

Title (de)

Proportionales Wegeventil und Steuersystem für mehrere hydraulische Verbraucher, wobei jeder solch ein Ventil beinhaltet.

Title (fr)

Distributeur proportionnel et ensemble de commande d'une pluralité de récepteurs hydrauliques comportant pour chaque récepteur un tel distributeur.

Publication

EP 0500419 B1 19951122 (FR)

Application

EP 92400358 A 19920211

Priority

FR 9101848 A 19910215

Abstract (en)

[origin: EP0500419A1] The distributing valve (70) comprises a controlled slide valve (3) and a pressure-compensating slide valve (16) which is associated with complementary means (84, 85, 95) in such a way that it causes the pressure drop in the controlled slide valve (3) to depend on the difference between the service and load-sensing pressures, according to a linear function having a strictly positive coefficient and a strictly negative constant. <??>In the control system, each compensating slide valve (16) operates according to the same linear function, or at least one of the distributing valves comprises a compensating slide valve operating according to a different linear function. <IMAGE>

IPC 1-7

F15B 11/05

IPC 8 full level

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CPC (source: EP US)

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