

Title (en)

Valve with predetermined constant closing force.

Title (de)

Ventil mit vorgebbarer konstanter Schliesskraft.

Title (fr)

Distributeur avec une force de fermeture prédéterminée et constante.

Publication

EP 0505866 B1 19950705 (DE)

Application

EP 92104464 A 19920316

Priority

DE 4109680 A 19910323

Abstract (en)

[origin: EP0505866A1] The valve has at least two pistons 2, 7 which are under the action of at least one stored-energy device 10, 11 which attempts to hold the pistons against one another. Furthermore, the valve has at least two fluid-conducting connections A, B, of which the first connection A can be connected to a tank, the closing force of the valve increasing up to a predeterminable maximum value as the load pressure prevailing at the second connection B increases. Owing to the fact that means are provided which keep the maximum value of the closing force constant as the load pressure prevailing at the second connection B continues to increase, the valve can also be used for ranges of application having stringent safety requirements. <IMAGE>

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