

Title (en)
HYDRAULICALLY TRANSLATED VALVE

Title (de)
HYDRAULISCH ÜBERSETZTES VENTIL

Title (fr)
SOUPAPE A TRANSLATION HYDRAULIQUE

Publication
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Application
EP 01964904 A 20010811

Priority
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• DE 10043625 A 20000905

Abstract (en)
[origin: WO0220978A1] A valve for control of fluids is disclosed, with at least one actuator unit (4), for operating an axially displaceable valve member (3) in a drilling (10) in a valve body (7), comprising at least one valve closing member (12), arranged in a valve chamber (18) and co-operating with at least one first valve seat (14) and a first piston (9) and a second piston (11). A hydraulic chamber (13) is arranged between the pistons (9, 11), which works as a hydraulic translator, with a filling device for compensating for losses by leakage, comprising a pressure equalisation channel (24) which essentially transfers the pressure in the valve chamber (18) to the hydraulic chamber (13), such that a quasi force-equalised valve is created.

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