

Title (en)
VALVE FOR CONTROLLING LIQUIDS

Title (de)
VENTIL ZUM STEUERN VON FLÜSSIGKEITEN

Title (fr)
SOUPAPE PERMETTANT DE COMMANDER LE PASSAGE DE LIQUIDES

Publication
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Application
EP 04721823 A 20040319

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Abstract (en)
[origin: WO2004104403A1] Disclosed is a valve for controlling liquids, comprising a retaining member (31) that is provided with an accommodating space (32) inside which an especially piezoelectric actuator unit and a hydraulic coupling module (34) are arranged. Said coupling module (34) encompasses at least one positioning piston (37) and at least one actuating piston (39) that is effectively connected to the positioning piston (37) via a hydraulic coupler (38) and actuates a valve-closing member (27) which cooperates with at least one valve seat (29, 30) and blocks a fluid from flowing from a valve chamber (25) to a backflow duct (45) in the closed position. The positioning piston (37) is directed within the accommodating space (32) by means of a seal (50).

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