

Title (en)
VALVE FOR REGULATING LIQUIDS

Title (de)
VENTIL ZUM STEUERN VON FLÜSSIGKEITEN

Title (fr)
SOUPAPE DE REGULATION DE LIQUIDES

Publication
EP 1389277 A1 20040218 (DE)

Application
EP 02740337 A 20020510

Priority
• DE 0201695 W 20020510
• DE 10123173 A 20010512

Abstract (en)
[origin: DE10123173A1] The liquid control valve has a piezoactuator (2), a converter for converting the actuator's stroke, a control valve (14) operated by the converter and a device (27) for temperature compensation, whereby the converter is in the form of a membrane (3) that seals the piezoactuator against the control valve.

IPC 1-7
F02M 59/46; **F02M 47/02**

IPC 8 full level
F02M 51/06 (2006.01); **F02M 47/00** (2006.01); **F02M 47/02** (2006.01); **F02M 59/46** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)
F02M 63/0026 (2013.01 - EP US); **F02M 47/027** (2013.01 - EP US); **F02M 59/46** (2013.01 - EP US)

Citation (search report)
See references of WO 02093002A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 10123173 A1 20021114; EP 1389277 A1 20040218; JP 2004519615 A 20040702; US 2004041111 A1 20040304; WO 02093002 A1 20021121

DOCDB simple family (application)
DE 10123173 A 20010512; DE 0201695 W 20020510; EP 02740337 A 20020510; JP 2002590243 A 20020510; US 33282303 A 20030926