

Title (en)

Valve for control of fluids with supply of pressurized fluid

Title (de)

Ventil zum Steuern von Flüssigkeiten mit einer Druckmittelzuführung

Title (fr)

Soupape pour le contrôle des fluides avec alimentation d'un fluide sous pression

Publication

**EP 1416152 B1 20090617 (DE)**

Application

**EP 03021080 A 20030918**

Priority

DE 10250722 A 20021031

Abstract (en)

[origin: EP1416152A1] The valve (1) is for control of fluids under high pressure, for fuel injection at an internal combustion motor. The piston (15) of the pressure conversion system, to compress the fuel from a delivery pressure at the inflow feed (2) into a high pressure for injection, is at least partially within the jet needle (23) with a longitudinal movement. A part of the high pressure zone (4) is additionally within the jet needle, defined by the jet needle and its inner piston.

IPC 8 full level

**F02M 57/02** (2006.01); **F02M 47/02** (2006.01); **F02M 59/46** (2006.01); **F02M 61/04** (2006.01); **F02M 61/12** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

**F02M 47/027** (2013.01); **F02M 57/026** (2013.01); **F02M 59/466** (2013.01); **F02M 61/042** (2013.01); **F02M 61/12** (2013.01); **F02M 61/16** (2013.01)

Cited by

CN112211755A; EP1908952A3; EP1793120A1; EP2083166A3; US8418941B2; WO2005045233A1; WO2008141918A1

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