

Title (en)

Valve for control of fluids with a nozzle and a control valve

Title (de)

Ventil zum Steuern von Flüssigkeiten mit einem Düsen- und einem Steuerventil

Title (fr)

Vanne de commande de liquides avec une buse et une valve de commande

Publication

EP 1424492 A3 20060301 (DE)

Application

EP 03014694 A 20030627

Priority

DE 10254985 A 20021126

Abstract (en)

[origin: EP1424492A2] A valve (1) for controlling fluids like fuel has a nozzle module (3). A control module (39) for triggering the nozzle module has an actuator (5) and a control valve (14) operated directly by the actuator. A compensating device (12) compensates for temperature and component tolerances and fits on the actuator's side opposite the control valve.

IPC 8 full level

F02M 47/02 (2006.01); **F02M 59/46** (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 47/027 (2013.01); **F02M 61/167** (2013.01); **F02M 2200/21** (2013.01)

Citation (search report)

- [XA] US 4529164 A 19850716 - IGASHIRA TOSHIHIKO [JP], et al
- [XA] WO 0123744 A1 20010405 - BOSCH GMBH ROBERT [DE], et al
- [A] DE 19727992 A1 19990107 - SIEMENS AG [DE]
- [A] DE 19821768 A1 19991202 - SIEMENS AG [DE]

Cited by

EP2090771A1; WO2007098986A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1424492 A2 20040602; **EP 1424492 A3 20060301**; DE 10254985 A1 20040603

DOCDB simple family (application)

EP 03014694 A 20030627; DE 10254985 A 20021126