

Title (en)

A valve control unit for a fuel injector

Title (de)

Ventilsteuereinheit für ein Kraftstoffeinspritzventil

Title (fr)

Une commande de soupape pour un injecteur de combustible

Publication

EP 0965749 A3 20010502 (DE)

Application

EP 99106007 A 19990325

Priority

DE 19826794 A 19980616

Abstract (en)

[origin: EP0965749A2] The valve control unit has a housing body (2) contg. two interconnected valve control chambers (8,9). The end element (7) of a valve control piston (3) movable in the housing body can be displaced into the first chamber (8), which is connected to a fuel delivery channel (10). The second valve control chamber (9) is connected to a closable outlet channel (11). A mechanical stop mounted on the housing body limits the movement of the valve control piston in the direction of the second valve control chamber. An Independent claim is also included for a valve control chamber.

IPC 1-7

F02M 47/02; **F02M 45/08**

IPC 8 full level

F02M 47/00 (2006.01); **F02M 45/08** (2006.01); **F02M 47/02** (2006.01); **F02M 61/20** (2006.01)

CPC (source: EP US)

F02M 45/08 (2013.01 - EP US); **F02M 47/027** (2013.01 - EP US)

Citation (search report)

- [X] EP 0826876 A1 19980304 - ISUZU MOTORS LTD [JP]
- [X] DE 19618468 C1 19970430 - SIEMENS AG [DE]
- [X] US 5560549 A 19961001 - RICCO MARIO [IT], et al
- [X] DE 1290010 B 19690227 - ASS ENG LTD

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0965749 A2 19991222; **EP 0965749 A3 20010502**; DE 19826794 A1 19991223; JP 2000008989 A 20000111; US 6189815 B1 20010220

DOCDB simple family (application)

EP 99106007 A 19990325; DE 19826794 A 19980616; JP 16709099 A 19990614; US 33099499 A 19990614