

Title (en)
Control valve

Title (de)
Schaltventil

Title (fr)
Soupape de commande

Publication
EP 1043497 A3 20030416 (DE)

Application
EP 00107266 A 20000403

Priority
DE 19915686 A 19990407

Abstract (en)
[origin: EP1043497A2] The switching valve (10) has a valve body (20), in which there is a flow channel (24), one end of which comes out in a worki cavity (42). This cavity contains a valve plate (44) which can moved between closed and open positions. A closing element (50) i fitted between the valve plate and the mouth of the flow channel, closing it when the valve plate is in the closed position.

IPC 1-7
F02M 47/02

IPC 8 full level
F02M 61/16 (2006.01); **F02M 47/00** (2006.01); **F02M 47/02** (2006.01); **F02M 51/00** (2006.01); **F02M 59/46** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)
F02M 47/027 (2013.01 - EP US); **F02M 63/0036** (2013.01 - EP US); **F02M 2200/304** (2013.01 - EP US); **Y10S 239/90** (2013.01 - EP US)

Citation (search report)
• [XA] EP 0851115 A1 19980701 - ELASIS SISTEMA RICERCA FIAT [IT]
• [A] DE 4428385 A1 19960215 - BOSCH GMBH ROBERT [DE]
• [A] WO 8706320 A1 19871022 - EUROP PROPULSION [FR]

Cited by
DE10161002A1; WO2008046679A1; WO2006042488A1; WO2017050470A1

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 1043497 A2 20001011; **EP 1043497 A3 20030416**; **EP 1043497 B1 20041201**; DE 19915686 A1 20001012; DE 50008794 D1 20050105; JP 2000310170 A 20001107; JP 3667592 B2 20050706; US 6360972 B1 20020326

DOCDB simple family (application)
EP 00107266 A 20000403; DE 19915686 A 19990407; DE 50008794 T 20000403; JP 2000106678 A 20000407; US 54391400 A 20000406