

Title (en)
Fuel injector

Title (de)
Kraftstoffinjektor

Title (fr)
Injecteur de carburant

Publication
EP 1939441 A3 20090204 (DE)

Application
EP 07119031 A 20071023

Priority
DE 102006060593 A 20061221

Abstract (en)
[origin: EP1939441A2] A control valve (6) has a control sleeve (10) with balanced force to move between two valve positions, to block a connection between a connecting channel (14) coming from a control space (2) and running into a pressurized space (15) and a low-pressure side (7) in its closed position and to release this connection in its valve position opened and pushed towards an injector needle (3).

IPC 8 full level
F02M 47/02 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 63/0015** (2013.01); **F02M 63/0026** (2013.01); **F02M 63/0031** (2013.01); **F02M 63/0042** (2013.01); **F02M 63/0043** (2013.01); **F02M 63/008** (2013.01)

Citation (search report)

- [E] EP 1927748 A2 20080604 - BOSCH GMBH ROBERT [DE]
- [A] EP 1612405 A1 20060104 - FIAT RICERCHE [IT]
- [A] EP 1612403 A1 20060104 - FIAT RICERCHE [IT]

Cited by
CN114790957A; EP2813698A1; WO2009037095A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1939441 A2 20080702; EP 1939441 A3 20090204; DE 102006060593 A1 20080626

DOCDB simple family (application)
EP 07119031 A 20071023; DE 102006060593 A 20061221