

Title (en)

Fuel injection system for internal combustion engine

Title (de)

Kraftstoffeinspritzsystem für Brennkraftmaschinen

Title (fr)

Système d'injection de carburant pour moteur à combustion interne

Publication

EP 1239146 A3 20040121 (DE)

Application

EP 02001824 A 20020126

Priority

DE 10108719 A 20010223

Abstract (en)

[origin: DE10108719A1] The system includes a control valve (30), connected to a relief cavity by a control connection which can be closed by an auxiliary valve with a piston (45) (the control member), which moves synchronously with the injection-valve member (60), longitudinally, and has an end sector on it with a control edge.

IPC 1-7

F02M 47/02; **F02M 63/00**; **F02M 59/46**

IPC 8 full level

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

CPC (source: EP)

F02M 47/027 (2013.01); **F02M 63/0007** (2013.01)

Citation (search report)

- [E] WO 0233250 A1 20020425 - BOSCH GMBH ROBERT [DE], et al
- [PX] DE 10033426 A1 20020124 - BOSCH GMBH ROBERT [DE]
- [XY] DE 19923421 A1 20001130 - BOSCH GMBH ROBERT [DE]
- [Y] US 5012982 A 19910507 - SOUMA MASAHIRO [JP], et al
- [Y] US 6067955 A 20000530 - BOECKING FRIEDRICH [DE]
- [DA] DE 19701879 A1 19980723 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1239146 A2 20020911; **EP 1239146 A3 20040121**; DE 10108719 A1 20020905

DOCDB simple family (application)

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