

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Soupape d'injection de carburant

Publication

EP 1258627 A3 20041201 (DE)

Application

EP 02010815 A 20020515

Priority

DE 10123860 A 20010516

Abstract (en)

[origin: EP1258627A2] The injection port bearer body (5a) has one or more injection ports (7) and is housed in the valve seat body (5) and made of material with lower thermoconductivity coefficient than the valve seat. The port bearer (5a) has thermoconductivity of less than 2 W/mk and withstands temperatures up to 200 degrees C. The bearer (5a) is best cast into the seat body (5) or injection-molded to this.

IPC 1-7

F02M 51/06; **F02M 61/18**; **F02M 61/16**

IPC 8 full level

F02M 61/18 (2006.01)

CPC (source: EP)

F02M 61/18 (2013.01); **F02M 61/1806** (2013.01); **F02M 61/188** (2013.01)

Citation (search report)

- [XY] DE 2900176 A1 19800724 - BOSCH GMBH ROBERT
- [Y] US 5862991 A 19990126 - WILLKE CLEMENS [DE], et al
- [X] EP 0476084 A1 19920325 - BOSCH GMBH ROBERT [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01 29 January 1999 (1999-01-29)

Cited by

FR2922289A1

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 1258627 A2 20021120; **EP 1258627 A3 20041201**; DE 10123860 A1 20021128

DOCDB simple family (application)

EP 02010815 A 20020515; DE 10123860 A 20010516