

Title (en)

Fuel injector valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Soupape d'injection de combustible

Publication

EP 2072805 A3 20090708 (DE)

Application

EP 08105679 A 20081028

Priority

DE 102007062190 A 20071221

Abstract (en)

[origin: EP2072805A2] The fuel injection valve has a valve body (16) with a fixed valve seat (29), a valve closing body (7) moving along the valve axis (2), an outlet aperture (27) in the body, and a perforated disc (23) downstream of the seat, including a nozzle region (28) with several spray apertures (30). The convex nozzle region is rectangular, or comes to a point in the middle.

IPC 8 full level

F02M 61/18 (2006.01)

CPC (source: EP)

F02M 61/184 (2013.01); **F02M 61/1853** (2013.01)

Citation (search report)

- [XA] DE 102005000617 A1 20060713 - BOSCH GMBH ROBERT [DE]
- [A] WO 2006072487 A1 20060713 - BOSCH GMBH ROBERT [DE], et al
- [XA] DE 102004013141 A1 20041021 - HITACHI UNISIA AUTOMOTIVE LTD [JP]
- [XA] US 2006157595 A1 20060720 - PETERSON WILLIAM A JR [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2072805 A2 20090624; EP 2072805 A3 20090708; EP 2072805 B1 20120411; DE 102007062190 A1 20090625

DOCDB simple family (application)

EP 08105679 A 20081028; DE 102007062190 A 20071221