

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Soupape d'injection de carburant

Publication

**EP 1803927 A3 20080319 (DE)**

Application

**EP 06124617 A 20061123**

Priority

DE 102005062867 A 20051229

Abstract (en)

[origin: EP1803927A2] The fuel injection valve has a housing with a holding body (8) with the throttle plate (30) resting on it. An actuator (23) acts via a hydraulic coupler (51) on the valve needle (12). A transition piece (25) of the coupler has a projection above the holding body, varying according to the tolerances for the component. A recess (48) in the throttle plate evens out the tolerances.

IPC 8 full level

**F02M 51/06** (2006.01)

CPC (source: EP)

**F02M 51/0603** (2013.01); **F02M 2200/704** (2013.01)

Citation (search report)

- [A] US 6520423 B1 20030218 - RICCI-OTTATI GIULIO ANGEL [US], et al
- [A] US 6062533 A 20000516 - KAPPEL ANDREAS [DE], et al

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1803927 A2 20070704; EP 1803927 A3 20080319; EP 1803927 B1 20130123**; DE 102005062867 A1 20070705

DOCDB simple family (application)

**EP 06124617 A 20061123**; DE 102005062867 A 20051229