Title (en)

High pressure fuel device

Title (de)

Kraftstoffhochdruckvorrichtung

Title (fr)

Dispositif de carburant à haute pression

Publication

EP 1757802 A2 20070228 (DE)

Application

EP 06117680 A 20060721

Priority

DE 102005040366 A 20050826

Abstract (en)

Upper and lower valve bodies (3,4) are seated together and held in place by the retainer (6) of a valve housing (2). An axially sealed leakage fuel area (22) is defined between the juncture of the valve bodies and the valve housing. A leakage fuel channel (26) of reduced cross sectional area is defined between the wall surface (24) of the lower valve body (4) and the retainer. The channel is preferably formed by laser processing or by chemical or mechanical polishing.

IPC 8 full level

F02M 55/00 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

F02M 55/002 (2013.01); **F02M 55/004** (2013.01); **F02M 61/168** (2013.01); F02M 2200/16 (2013.01)

Citation (applicant)

DE 10133167 A1 20030123 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1757802 A2 20070228; **EP 1757802 A3 20070328**; DE 102005040366 A1 20070301

DOCDB simple family (application)

EP 06117680 A 20060721; DE 102005040366 A 20050826