

Title (en)

Fuel injection valve for internal combustion engines

Title (de)

Brennstoffeinspritzventil für Verbrennungskraftmaschinen

Title (fr)

Soupape d'injection de combustible pour moteurs à combustion interne

Publication

EP 1431567 A3 20050928 (DE)

Application

EP 04006794 A 20020610

Priority

- CH 12172001 A 20010703
- EP 02012798 A 20020610

Abstract (en)

[origin: EP1273791A2] A sliding valve body (64) has a second throttle opening (122) that discharges into a control area (62) and is sealed when the valve body comes next to a control device (72) and linked to a high-pressure space (20) when the valve body is lifted off. A control opening (82) and a first throttle opening (74) are displaced in relation to each other and interconnected by a throughway (76) limited by the control device and the sliding valve body.

IPC 1-7

F02M 47/02

IPC 8 full level

F02M 47/00 (2006.01); **F02M 47/02** (2006.01); **F02M 61/10** (2006.01); **F02M 61/20** (2006.01)

CPC (source: EP US)

F02M 47/027 (2013.01 - EP US); **F02M 61/20** (2013.01 - EP US); **F02M 2547/003** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (application)

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