

Title (en)
Fuel injection valve device

Title (de)
Kraftstoffeinspritzventileinrichtung

Title (fr)
Dispositif d'injection de carburant

Publication
EP 2146085 B1 20150729 (DE)

Application
EP 09100284 A 20090518

Priority
DE 102008040454 A 20080716

Abstract (en)
[origin: EP2146085A1] The fuel injection valve device has a nozzle needle (3), which controls the opening of an injection opening (9) by its longitudinal movement. The fuel injection valve device has a control chamber (30), whose control chamber pressure works indirectly on the nozzle needle and a back and forth movable valve piston (20). The valve piston has two control pressure surfaces (26,43) in the direction of movement of the valve piston, which are charged with the control chamber pressure.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 63/004** (2013.01); **F02M 63/007** (2013.01); **F02M 63/0073** (2013.01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2146085 A1 20100120; EP 2146085 B1 20150729; DE 102008040454 A1 20100121

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