

Title (en)
Fuel injector valve

Title (de)
Brennstoffeinspritzventil

Title (fr)
Soupape d'injection de combustible

Publication
EP 2628939 B1 20150318 (DE)

Application
EP 13152177 A 20130122

Priority
DE 102012202546 A 20120220

Abstract (en)
[origin: EP2628939A1] The valve (1) has a control valve (2) that controls a flow through an outlet throttle (10) in a control space (20). A movable shut-off element (23) divides the control space into two control space portions (21,22). The outlet throttle and an inlet throttle (9) in the control space are opened into the control space portion (21). A nozzle needle (5) is controlled over the control space pressure in the control space portion (22). The direct connection between outlet and inlet throttles is blocked by shut-off element over control space portion (21) in a shut-off position.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 61/16** (2013.01); **F02M 2200/708** (2013.01); **F02M 2547/001** (2013.01); **F02M 2547/008** (2013.01)

Cited by
EP3150839A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2628939 A1 20130821; EP 2628939 B1 20150318; DE 102012202546 A1 20130822

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