

Title (en)
Fuel injector valve

Title (de)
Brennstoffeinspritzventil

Title (fr)
Soupape d'injection de combustible

Publication
EP 2628938 B1 20150415 (DE)

Application
EP 13152149 A 20130122

Priority
DE 102012202549 A 20120220

Abstract (en)
[origin: EP2628938A1] The valve (1) has a controlling body (17) including a front end (21) that limits a controlling chamber part (31) of a controlling chamber (30). A nozzle needle (5) includes a front end (36) at an end (20) guided in a blind bore hole (19). Another controlling chamber part (32) is connected with the former controlling chamber part such that an outlet throttle (11) and an inlet throttle (12) open into the former controlling chamber part. The controlling body interlocks direct connection between the outlet and inlet throttles over the former controlling chamber part 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
CN106593726A; CN106762291A; CN106677942A; CN114876689A; US10077748B2; WO2019109825A1

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

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