

Title (en)
Fuel injector

Title (de)
Kraftstoffinjektor

Title (fr)
Injecteur de carburant

Publication
EP 2354527 B1 20141112 (DE)

Application
EP 11150096 A 20110104

Priority
DE 102010001612 A 20100205

Abstract (en)
[origin: EP2354527A2] The fuel injector has a bore (8,12), which leads in the valve chamber (6) through an axial gap (10) formed between the valve plate (5) and the throttle plate (7). The throttle effect of a throttle (11,14) is influenced by the height of the axial gap. A nozzle needle (2) is provided, which is guided in the nozzle body (1) for closing and releasing an injection opening formed in the nozzle body.

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

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 63/0045** (2013.01); **F02M 2200/28** (2013.01); **F02M 2547/001** (2013.01)

Cited by
CN108131230A

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 2354527 A2 20110810; EP 2354527 A3 20130731; EP 2354527 B1 20141112; DE 102010001612 A1 20110811

DOCDB simple family (application)
EP 11150096 A 20110104; DE 102010001612 A 20100205