

Title (en)
Fuel injector

Title (de)
Kraftstoffinjektor

Title (fr)
Injecteur de carburant

Publication
EP 2366887 B1 20141022 (DE)

Application
EP 11153203 A 20110203

Priority
DE 102010002639 A 20100308

Abstract (en)
[origin: EP2366887A1] The fuel injector comprises a housing portion (1), in which a switching valve (2) with a closing element (3) actuated by a piezoelectric actuator (14). The closing element is formed sleeve-shaped for forming a switching valve chamber (4) and for partial receiving of a stationary sealing body (5), and has a sealing contour (6). A sealing sleeve (9) is provided for radially limiting the switching valve chamber, and is axially preloaded by a compression spring (10) corresponding to a throttle plate (11).

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

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 63/0026** (2013.01); **F02M 63/004** (2013.01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2366887 A1 20110921; EP 2366887 B1 20141022; DE 102010002639 A1 20110908

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