

Title (en)
Fuel injector

Title (de)
Kraftstoffinjektor

Title (fr)
Injecteur de carburant

Publication
EP 2199590 B1 20140806 (DE)

Application
EP 09169844 A 20090909

Priority
• DE 102009001131 A 20090225
• DE 102008054425 A 20081209

Abstract (en)
[origin: EP2199590A1] The fuel injector has a high-pressure space (8) arranged in an injector body (1), which is attached at a high-pressure source (CR) for fuel. The injector body is connected over an injection nozzle (15) for fuel injection with a combustion chamber, which is controlled by closing unit and nozzle needle (10). The closing unit and nozzle needle are guided in axial movable manner at its end with plunger-type axial extension (10') in a guide bore.

IPC 8 full level
F02M 63/02 (2006.01); **F02M 51/06** (2006.01); **F02M 61/12** (2006.01)

CPC (source: EP)
F02M 51/0603 (2013.01); **F02M 61/12** (2013.01); **F02M 63/0225** (2013.01); **F02M 2200/306** (2013.01); **F02M 2200/308** (2013.01); **F02M 2200/703** (2013.01)

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2199590 A1 20100623; **EP 2199590 B1 20140806**; DE 102009001131 A1 20100610

DOCDB simple family (application)
EP 09169844 A 20090909; DE 102009001131 A 20090225