

Title (en)
Fuel Injector

Title (de)
Kraftstoffinjektor

Title (fr)
Injecteur de carburant

Publication
EP 2243949 B1 20140416 (DE)

Application
EP 10154608 A 20100225

Priority
DE 102009002528 A 20090421

Abstract (en)
[origin: EP2243949A1] The injector has low and high pressure areas (2, 3) arranged in an injector body (1), where the high pressure area is connected with a combustion chamber by injection nozzles (9) that are controlled by a nozzle needle (8). The low pressure area is connected to a low pressure system by a return pipe (4), and an actuator (19) actuates the nozzle needle by a coupling bar (16). The coupling bar is pressurized by high pressure towards closing position of the nozzle needle. The coupling bar comprises plunger-type nozzle distal end.

IPC 8 full level
F02M 51/06 (2006.01); **B06B 1/06** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
B06B 1/0655 (2013.01); **F02M 51/0603** (2013.01); **F02M 2200/701** (2013.01); **F02M 2200/703** (2013.01); **F02M 2200/704** (2013.01)

Cited by
CN112901391A; EP2884088A1

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

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