

Title (en)
FUEL INJECTOR

Title (de)
KRAFTSTOFFINJEKTOR

Title (fr)
INJECTEUR DE CARBURANT

Publication
EP 2004983 A1 20081224 (DE)

Application
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Abstract (en)
[origin: US2009108093A1] The invention relates to a fuel injector having an injector housing which has a high-pressure fuel connection which is connected outside the injector housing to a central high-pressure fuel source and inside the injector housing to a pressure space. From the fuel injector highly pressurized fuel is injected into a combustion chamber of an internal combustion engine as a function of the pressure in a control space when a nozzle needle opens In order to provide a fuel injector which can be manufactured inexpensively, the pressure in the control space is controlled directly by a magnetic actuator.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 51/06** (2006.01)

CPC (source: EP US)
F02M 51/061 (2013.01 - EP US); **F02M 51/0635** (2013.01 - EP US); **F02M 61/167** (2013.01 - EP US); **F02M 63/0057** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **F02M 2200/315** (2013.01 - EP US); **F02M 2200/40** (2013.01 - EP US); **F02M 2200/703** (2013.01 - EP US); **F02M 2200/708** (2013.01 - EP US); **F02M 2200/8046** (2013.01 - EP US); **F02M 2200/9015** (2013.01 - EP US); **F02M 2547/001** (2013.01 - EP US)

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See references of WO 2007115853A1

Cited by
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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