

Title (en)
FUEL INJECTOR

Title (de)
KRAFTSTOFFINJEKTOR

Title (fr)
INJECTEUR DE CARBURANT

Publication
EP 2004983 B1 20110727 (DE)

Application
EP 07704610 A 20070216

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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)
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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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US 2009108093 A1 20090430; AT E518058 T1 20110815; CN 101415934 A 20090422; CN 101415934 B 20120711; DE 102007002758 A1 20071011; EP 2004983 A1 20081224; EP 2004983 B1 20110727; JP 2009532622 A 20090910; WO 2007115853 A1 20071018

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