

Title (en)
Injector

Title (de)
Injektor

Title (fr)
Injecteur

Publication
EP 2103802 B1 20110119 (DE)

Application
EP 09100059 A 20090122

Priority
DE 102008000702 A 20080317

Abstract (en)
[origin: EP2103802A1] The injector has an inner chamber which is permanently connected with a high pressure source for fuel. The inner chamber is connected with an assigned combustion chamber by a nozzle (3) for fuel injection. A nozzle needle (4) is lifted from the closing position by an assigned actuator and by opening a pressure compensating valve. The nozzle needle is pushed into the inner chamber in its closing position for locking the nozzle by the pressure. The pressure compensating valve is connected with a normal depressurized auxiliary chamber (6) in its opened condition.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 51/06** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 51/0617** (2013.01)

Cited by
EP3111078B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2103802 A1 20090923; EP 2103802 B1 20110119; AT E496216 T1 20110215; DE 102008000702 A1 20090924;
DE 502009000293 D1 20110303; ES 2358869 T3 20110516

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