

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)  
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 TR

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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ES 09100059 T 20090122