

Title (en)
Common Rail Injector

Title (de)
Common-Rail-Injektor

Title (fr)
Injecteur pour rampe commune

Publication
EP 1621759 B1 20090805 (DE)

Application
EP 05103989 A 20050512

Priority
DE 102004037125 A 20040730

Abstract (en)
[origin: EP1621759A1] A throttle device (42) is arranged between an actuator pressure chamber (35) and a nozzle needle control chamber (46). When the nozzle needle control chamber is emptied, the throttle allows a smaller through-flow from the nozzle needle control chamber into the actuator pressure chamber, than from the actuator pressure chamber to the nozzle needle control chamber when the nozzle needle control chamber is filled.

IPC 8 full level
F02M 51/06 (2006.01); **F02M 63/02** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 47/02 (2013.01); **F02M 51/0603** (2013.01); **F02M 2200/28** (2013.01); **F02M 2200/304** (2013.01); **F02M 2200/703** (2013.01); **F02M 2200/705** (2013.01); **F02M 2200/708** (2013.01)

Cited by
WO2007068518A1; US7926737B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1621759 A1 20060201; **EP 1621759 B1 20090805**; DE 102004037125 A1 20060323; DE 502005007830 D1 20090917

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EP 05103989 A 20050512; DE 102004037125 A 20040730; DE 502005007830 T 20050512