

Title (en)
Fuel injection device

Title (de)
Kraftstoffeinspritzvorrichtung

Title (fr)
Dispositif d'injection de combustible

Publication
EP 1048843 B1 20060830 (DE)

Application
EP 00105302 A 20000315

Priority
DE 19919665 A 19990429

Abstract (en)
[origin: EP1048843A2] A magnetic valve (3) is fitted in an injection pipe (4) remotely from an injector. The injector acts as an injection jet (5) The injection pipe between the magnetic valve and the injection jet is so designed that pressure level against the injection jet can momentarily be raised excessively in an injection area above the maxima for pressure swings in the injection pip in contrast to pressure in a joint common rail (1).

IPC 8 full level
F02M 63/02 (2006.01); **F02M 63/00** (2006.01); **F02M 63/06** (2006.01); **F02M 55/00** (2006.01); **F02M 55/02** (2006.01)

CPC (source: EP)
F02M 63/0007 (2013.01); **F02M 63/06** (2013.01); **F02M 55/00** (2013.01); **F02M 55/02** (2013.01); **F02M 2200/40** (2013.01)

Cited by
US2015316015A1; US9494118B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1048843 A2 20001102; **EP 1048843 A3 20040922**; **EP 1048843 B1 20060830**; AT E338209 T1 20060915; DE 19919665 A1 20001102; DE 50013369 D1 20061012

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EP 00105302 A 20000315; AT 00105302 T 20000315; DE 19919665 A 19990429; DE 50013369 T 20000315