

Title (en)
Fuel injection system

Title (de)
Kraftstoff-Einspritzsystem

Title (fr)
Système d'injection de carburant

Publication
EP 1298316 B1 20080507 (DE)

Application
EP 02021072 A 20020921

Priority
DE 10147534 A 20010926

Abstract (en)
[origin: EP1298316A2] The IC engine has the fuel supplied to the common-rail fuel injection system via an unregulated high pressure pump with a control device (24) inserted in the fuel feed line. The high pressure pump has a single pump element (10) within a pump housing incorporated in the crank housing of the engine, with an operating rod having a roller cooperating with an injection cam of a valve camshaft (4) and coupled to a pump plunger.

IPC 8 full level
F02M 63/02 (2006.01); **F02M 39/00** (2006.01); **F02M 39/02** (2006.01); **F02M 59/10** (2006.01); **F02M 59/36** (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP US)
F02M 39/00 (2013.01 - EP US); **F02M 39/02** (2013.01 - EP); **F02M 63/0225** (2013.01 - EP US); **F02M 63/027** (2013.01 - EP); **F02D 41/3809** (2013.01 - EP); **F02D 2200/0602** (2013.01 - EP)

Cited by
JP2007327484A; KR100897135B1; EP1657434A1; EP2088310A1; EP1469190A1; EP1865193A1; US7263979B2; US7395812B2; EP2172634A2; DE102008049964A1; EP1530681B2

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

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