

Title (en)  
Single cylinder high pressure pump

Title (de)  
Einzyylinder-Hochdruckpumpe

Title (fr)  
Pompe monocylindre à haute pression

Publication  
**EP 1076174 B1 20051102 (DE)**

Application  
**EP 00116573 A 20000801**

Priority  
DE 19938504 A 19990813

Abstract (en)  
[origin: EP1076174A2] The pump has a pump element in a pump housing (1) with a pump piston (5) reciprocally movable in a cylinder (4) against spring (7) bias force and driven by a cam (8) to feed fuel subject to high pressure into a rail. A mounting opening (3) for the pump element is arranged in the pump housing on the side remote from the cam drive.

IPC 1-7  
**F02M 59/44**; **F02M 59/48**; **F02M 59/10**; **F02M 63/02**; **F04B 53/16**

IPC 8 full level  
**F02M 37/06** (2006.01); **F02M 59/02** (2006.01); **F02M 59/10** (2006.01); **F02M 59/44** (2006.01); **F02M 59/48** (2006.01); **F02M 63/02** (2006.01); **F04B 1/04** (2006.01); **F04B 11/00** (2006.01); **F04B 53/16** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)  
**F02M 59/02** (2013.01); **F02M 59/102** (2013.01); **F02M 59/48** (2013.01); **F02M 63/0225** (2013.01); **F04B 1/0421** (2013.01); **F04B 11/0016** (2013.01); **F04B 53/168** (2013.01); **F02M 2200/30** (2013.01)

Cited by  
EP1275848A1; EP1312801A3; CN103717872A; WO2009049776A1; DE102013224797A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 1076174 A2 20010214**; **EP 1076174 A3 20031119**; **EP 1076174 B1 20051102**; DE 19938504 A1 20010308; DE 50011493 D1 20051208; JP 2001073907 A 20010321

DOCDB simple family (application)  
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