

Title (en)
Single cylinder high pressure pump

Title (de)
Einzyylinder-Hochdruckpumpe

Title (fr)
Pompe à haute pression monocylindrique

Publication
EP 1076174 A3 20031119 (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)

Citation (search report)
• [X] EP 0757174 A2 19970205 - WOODWARD GOVERNOR GERMANY GMBH [DE]
• [X] DE 19742611 A1 19990204 - BOSCH GMBH ROBERT [DE]
• [X] EP 0878621 A2 19981118 - MITSUBISHI ELECTRIC CORP [JP]
• [XA] DE 4107979 A1 19920917 - BOSCH GMBH ROBERT [DE]

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EP1275848A1; EP1312801A3; CN103717872A; DE102013224797A1; WO2009049776A1

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