

Title (en)
FUEL INJECTION PUMP

Publication
EP 0116168 B1 19870603 (DE)

Application
EP 83113085 A 19831224

Priority
DE 3300876 A 19830113

Abstract (en)
[origin: US4530337A] A fuel injection pump in which a pump work chamber can be connected with a fuel withdrawal chamber, which is controlled by a deflecting piston. The deflecting piston is loaded by the pressure of the pump work chamber and is adjustable counter to a restoring force, this restoring force being modified with pressure fluid in accordance with rpm.

IPC 1-7
F02M 45/02; **F02D 41/00**

IPC 8 full level
F02D 41/00 (2006.01); **F02M 41/12** (2006.01); **F02M 45/00** (2006.01); **F02M 45/02** (2006.01); **F02M 45/06** (2006.01); **F02M 45/12** (2006.01); **F02M 59/22** (2006.01)

CPC (source: EP US)
F02M 41/123 (2013.01 - EP US); **F02M 45/06** (2013.01 - EP US); **F02M 45/12** (2013.01 - EP US); **F02M 59/22** (2013.01 - EP US)

Citation (examination)
EP 0045530 A2 19820210 - BOSCH GMBH ROBERT [DE]

Cited by
DE3735750A1; FR2595762A1; EP0348865A3; US5033443A; EP0290797A3; FR2605055A1; WO8900243A1; WO8800651A1

Designated contracting state (EPC)
AT DE FR GB

DOCDB simple family (publication)
EP 0116168 A2 19840822; **EP 0116168 A3 19850123**; **EP 0116168 B1 19870603**; AT E27638 T1 19870615; DE 3300876 A1 19840719; DE 3371929 D1 19870709; JP H0514103 B2 19930224; JP S59145360 A 19840820; US 4530337 A 19850723

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