

Title (en)
FUEL INJECTION PUMP FOR INTERNAL COMBUSTION ENGINES

Publication
EP 0185915 A3 19880107 (DE)

Application
EP 85114588 A 19851116

Priority
DE 3447375 A 19841224

Abstract (en)
[origin: US4705005A] A fuel injection pump for internal combustion engines, in which at least during normal engine operation the injection quantity is effected by controlling a fuel quantity control conduit which is provided in the pump piston in communication with the pump work chamber, via a control slide that is displaceable on the pump piston in cooperation with fuel quantity control openings, the axial position of the control slide determining the onset and end of supply. The earliest possible supply onset is further determined by a supply onset control opening disposed in the pump piston, which opening is sealed by entering into the cylinder liner after a pre-determined stroke extent has been traversed. Subsequent to this entry, an injection pressure can build up in the pump work chamber.

IPC 1-7
F02M 59/24; **F02M 59/26**; **F02M 59/36**

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CPC (source: EP US)
F02M 59/26 (2013.01 - EP US); **F02M 59/361** (2013.01 - EP US)

Citation (search report)
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EP0185914A3; DE3724409A1; FR2606090A1

Designated contracting state (EPC)
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