

Title (en)  
FUEL INJECTION PUMP FOR COMBUSTION ENGINES

Publication  
**EP 0178505 B1 19890118 (DE)**

Application  
**EP 85112161 A 19850925**

Priority  
DE 3435987 A 19841001

Abstract (en)  
[origin: US4706626A] A fuel injection pump for internal combustion engines having in-line pumping elements, having pump pistons on which control slides are axially displaceable, in particular for adjusting the injection onset; in a relatively greatly displaced position, these control slides being arranged to interrupt the injection. The control slides are moved by first and second governor rods, each part of which carries one group of driver members of the control slides, and both governor rods are rotatable relative to one another. As a result, it is possible for normal operation to be controlled by the one governor rod, while at the same time an appropriate number of engine cylinders is shut off by the other governor rod, in that the associated control slides are displaced into respective corresponding positions.

IPC 1-7  
**F02M 63/02**; **F02D 17/02**; **F02M 59/28**

IPC 8 full level  
**F02D 17/02** (2006.01); **F02M 59/26** (2006.01); **F02M 59/28** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP US)  
**F02D 17/02** (2013.01 - EP US); **F02M 59/28** (2013.01 - EP US); **F02M 63/02** (2013.01 - EP US)

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Cited by  
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**EP 0178505 A1 19860423**; **EP 0178505 B1 19890118**; AT E40186 T1 19890215; DE 3435987 A1 19860410; DE 3567701 D1 19890223; JP H0681938 B2 19941019; JP S61182458 A 19860815; US 4706626 A 19871117

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