

Title (en)

FUEL INJECTION PUMP FOR INTERNAL-COMBUSTION ENGINES

Publication

EP 0071876 B1 19841212 (DE)

Application

EP 82106806 A 19820728

Priority

- DE 3130620 A 19810801
- DE 3224127 A 19820629

Abstract (en)

[origin: US4448167A] A fuel injection pump, embodied as a series pump, has a governor rod for rotating a pump piston provided with an oblique control groove. The pump piston further has at least one longitudinal groove, by means of which upon congruence with a fill and relief opening of the pump work chamber, a zero fuel supply can be established. With electrically controlled actuation of the governor rod, the appropriate adjustment of the end stops of the governor rod or the appropriate embodiment of the pump piston assures that the opening comes into congruence with a longitudinal groove adjoining the full-load working zone of the pump piston before the end stop of the governor rod is reached.

IPC 1-7

F02M 59/26

IPC 8 full level

F02M 59/26 (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP US)

F02M 59/265 (2013.01 - EP US); **F02M 63/02** (2013.01 - EP US)

Cited by

CN114750976A; WO8705665A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0071876 A1 19830216; **EP 0071876 B1 19841212**; DE 3224127 A1 19830224; DE 3261549 D1 19850124; US 4448167 A 19840515

DOCDB simple family (application)

EP 82106806 A 19820728; DE 3224127 A 19820629; DE 3261549 T 19820728; US 40319782 A 19820729