

Title (en)
FUEL INJECTION PUMP FOR A DIESEL ENGINE

Publication
EP 0288669 B1 19910320 (DE)

Application
EP 88101862 A 19880209

Priority
CH 165287 A 19870430

Abstract (en)
[origin: EP0288669A1] In its circumferential surface the pump piston (4) of the fuel injection pump has control edges (5) running at an angle to its longitudinal axis, which control edges together with holes made in the pump cylinder (2) determine the start and end of pumping by the pump piston. Working in concert with the pump piston (4) is a device pivoting about the longitudinal axis of the said piston, which comprises a regulating rod (25), supported outside the pump cylinder (2) and having the facility for reciprocal movement in a straight line. Arranged between the regulating rod (25) and the pump piston (4) is an adjusting sleeve (20), eccentrically enclosing the latter and provided with inner toothing (19), which engages with the inner toothing in an outer toothing (18) arranged on the pump piston (4) and which is pivotally joined to the regulating rod.

IPC 1-7
F02M 59/28

IPC 8 full level
F02M 59/26 (2006.01); **F02M 59/28** (2006.01); **F04B 49/12** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP US)
F02M 59/28 (2013.01 - EP); **F04B 49/121** (2013.01 - EP US); **F02B 3/06** (2013.01 - EP); **F04B 1/06** (2013.01 - EP US)

Cited by
CN103267012A; GB2324124A; GB2324124B

Designated contracting state (EPC)
DE ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0288669 A1 19881102; EP 0288669 B1 19910320; CH 672005 A5 19891013; DE 3862056 D1 19910425; DK 134188 A 19881031; DK 134188 D0 19880311; DK 164827 B 19920824; DK 164827 C 19930111; ES 2022482 B3 19911201; FI 880655 A0 19880212; FI 880655 A 19881031; FI 96535 B 19960329; FI 96535 C 19960710; JP S63272959 A 19881110; NO 168725 B 19911216; NO 168725 C 19920325; NO 881890 D0 19880429; NO 881890 L 19881031

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