

Title (en)

Fuel pumping apparatus.

Title (de)

Kraftstoffpumpenvorrichtung.

Title (fr)

Appareil de pompage de combustible.

Publication

EP 0458529 A1 19911127 (EN)

Application

EP 91304424 A 19910516

Priority

GB 9011533 A 19900523

Abstract (en)

A reciprocable plunger fuel injection pump has a pumping plunger (13) reciprocable within a bore (11) from which extends an outlet (12). A control port (15) is formed in the wall of the bore for registration with a helical groove (23) on the plunger. The control port communicates with one end of a cylinder (16) containing a spring biased piston (21) coupled to a valve member (20) which closes a spill passage (19) communicating with the one end of the bore. <IMAGE>

IPC 1-7

F02M 59/24; **F02M 59/26**; **F02M 59/36**

IPC 8 full level

F02M 59/24 (2006.01); **F02M 59/26** (2006.01); **F02M 59/36** (2006.01)

CPC (source: EP)

F02M 59/24 (2013.01); **F02M 59/26** (2013.01); **F02M 59/36** (2013.01)

Citation (search report)

- [X] WO 8802068 A1 19880324 - NOVA WERKE AG [CH]
- [A] EP 0121689 A1 19841017 - BOSCH GMBH ROBERT [DE]

Cited by

US5478213A; GB2253445A; WO9306361A1

Designated contracting state (EPC)

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EP 0458529 A1 19911127; GB 9011533 D0 19900711

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