

Title (en)

Fuel-injection pump plunger.

Title (de)

Kolben für eine Kraftstoffeinspritzpumpe.

Title (fr)

Piston pour pompe d'injection de carburant.

Publication

EP 0441217 A1 19910814 (EN)

Application

EP 91101089 A 19910128

Priority

JP 1157090 U 19900209

Abstract (en)

A fuel injection pump plunger (1) which enables the timing of the fuel injection to be controlled in accordance with the engine load, and can be used to prevent the emission of exhaust smoke and to achieve quieter engine operation, and under full-load conditions enables the engine to regain speed rapidly, comprising a plunger head (2) provided with a sloping lower lead (8), a longitudinal groove (7) which connects the lower lead (8) to the plunger chamber (4), an upper lead (9) sloping down from the upper face (1A) of the plunger (1) and an orifice (10) constituted by a cut portion which extends between the end of the upper lead (9) and the plunger chamber (4). <IMAGE>

IPC 1-7

F02M 59/26

IPC 8 full level

F02D 1/18 (2006.01); **F02M 59/26** (2006.01)

CPC (source: EP)

F02M 59/265 (2013.01)

Citation (search report)

- AT 311727 B 19731126 - LIST HANS
- DE 3332470 A1 19840308 - STEYR DAIMLER PUCH AG [AT]

Cited by

FR2728025A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0441217 A1 19910814; **EP 0441217 B1 19931201**; DE 69100693 D1 19940113; DE 69100693 T2 19940331; JP 2511197 Y2 19960918; JP H03104169 U 19911029

DOCDB simple family (application)

EP 91101089 A 19910128; DE 69100693 T 19910128; JP 1157090 U 19900209