

Title (en)

Injection pump for an internal-combustion engine comprising a mechanism for controlling the start of the fuel injection delivery.

Title (de)

Einspritzpumpe für Brennkraftmaschinen mit einer Regeleinrichtung zum Steuern des Kraftstoffförderzeitpunkts.

Title (fr)

Pompe d'injection pour moteur à combustion interne comprenant un dispositif de réglage de l'instant de refoulement du combustible d'injection.

Publication

**EP 0063523 A1 19821027 (FR)**

Application

**EP 82400665 A 19820414**

Priority

FR 8107685 A 19810416

Abstract (en)

[origin: ES8304266A1] Internal combustion engine fuel injection pump of the type comprising an injection piston having a head with a helical ramp and provided with a device for adjusting in time the beginning of the fuel injection delivery. The adjusting device comprises a valve for closing and opening a bypass passage adapted to connect the said admission chamber to a space communicating with the chamber filling fuel source, and a system for the control of the valve including a control device for closing the valve depending on the angular position of a rotary member of the engine, such as a crankshaft, and for opening the valve in response to a partial vacuum created in the admission chamber by the suction stroke of the injection piston.

Abstract (fr)

Le dispositif de réglage comprend un clapet (13) de fermeture et d'ouverture d'un canal de dérivation (14) susceptible de relier la chambre de pompage (5) à un espace (10) communiquant avec la source de combustible de remplissage de la chambre (5), et un système de commande (17-27) de ce clapet (13) comportant un dispositif de commande pour la fermeture de ce clapet en fonction de la position angulaire d'un organe rotatif (27) du moteur, tel que l'arbre manivelle.

IPC 1-7

**F02M 59/36**

IPC 8 full level

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CPC (source: EP KR US)

**F02M 59/36** (2013.01 - EP KR US); **F02M 59/365** (2013.01 - EP US); **F02M 59/366** (2013.01 - EP US)

Citation (search report)

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