

Title (en)  
INJECTION PUMP FOR AN INTERNAL-COMBUSTION ENGINE COMPRISING A MECHANISM FOR CONTROLLING THE START OF THE FUEL INJECTION DELIVERY

Publication  
**EP 0063523 B1 19840926 (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.

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IPC 8 full level  
**F02M 59/20** (2006.01); **F02D 1/02** (2006.01); **F02M 59/36** (2006.01); **F02M 65/00** (2006.01)

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)

Cited by  
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