

Title (en)

INJECTION PUMP FOR INTERNAL-COMBUSTION ENGINES WITH FUEL INJECTION, PARTICULARLY FOR DIESEL ENGINES

Publication

EP 0027792 B1 19830406 (DE)

Application

EP 80890121 A 19801014

Priority

AT 671679 A 19791015

Abstract (en)

[origin: ES8202619A1] In internal combustion engines operated with fuel injection, particularly Diesel engines, of the type having injection pump (1) and injection nozzle (2) integrated to a constructional unit associated to one engine cylinder and having control of the fuel amount supplied by the pump effected by rotating the pump piston (4) provided with at least one oblique control edge giving free, in dependence on the rotational position, a back-flow bore for the fuel at an earlier or later moment, rotation of the pump piston is effected by means of a crank (11) having its crank pin extending parallel to the axis of the pump cylinder. The crank (11) is fixedly arranged on the driven end of the pump piston (4), i.e. either rigidly connected with the pump piston (4) or manufactured with the pump piston to form one single piece. The crank pin is protruding at the side of the driven end of the piston out of the fuel injection pump housing (1) and a control rod (13) arranged outside of the injection pump housing is acting on said crank pin.

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F02M 59/28; **F02M 57/02**

IPC 8 full level

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CPC (source: EP US)

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