

Title (en)

CYLINDER HEAD ASSEMBLY OF A DIESEL ENGINE WITH A HOLDING DEVICE FOR A FUEL INJECTION VALVE AS WELL AS A HOLDING DEVICE FOR AN INDIVIDUAL INJECTION PUMP ACTING ON THAT FUEL INJECTION VALVE

Title (de)

ZYLINDERKOPFANORDNUNG EINES DIESELMOTORS MIT EINER HALTEVORRICHTUNG FÜR EIN KRAFTSTOFFEINSPRITZVENTIL SOWIE EINER HALTERUNG FÜR EINE AUF DIESES WIRKENDE EINZELEINSPRITZPUMPE

Title (fr)

ASSEMBLAGE DE CULASSE D'UN MOTEUR DIESEL AVEC UN DISPOSITIF DE MAINTIEN POUR UNE SOUPAPE D'INJECTION DE COMBUSTIBLE AINSI QU' AVEC UN DISPOSITIF DE MAINTIEN POUR UNE POMPE A INJECTION INDIVIDUELLE AGISSANT SUR CETTE SOUPAPE DE COMBUSTIBLE

Publication

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Application

EP 95102643 A 19950224

Priority

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Abstract (en)

[origin: EP0671560A1] A nozzle holder (10) is inserted from the top in a guiding bore in the cylinder. An injection passage from the individual pump mounted at the side of the head leads to the holder, which extends below the camshaft (6) to a clamping stirrup (29), having at the top end a conical recess from which a fuel passage runs to the nozzle, and a leak-off one to the side. A spherical boss between the stirrup ends fits in the recess, one end fitting in a recess (28) at the side of the head and the other being held by a clamping screw, while an elastic seal fits between the boss and recess. The pump (47) is level with the camshaft and parallel to the stirrup at the side of the head, its plunger being actuated by the camshaft, while its pressure chamber is connected directly by a passage (52) to the pressure passage in the stirrup. The pump housing and stirrup can form a common flange, the pump itself being elastically bent on the holder by the clamping screw.

IPC 1-7

F02M 61/14; **F02M 39/02**; **F02M 55/02**

IPC 8 full level

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