

Title (en)

Holding device for a fuel injection valve in a diesel engine

Title (de)

Haltevorrichtung für ein Kraftstoffeinspritzventil eines Dieselmotors

Title (fr)

Dispositif de fixation pour une soupape d'injection de combustible d'un moteur diesel

Publication

EP 0627553 B1 19970212 (DE)

Application

EP 94108021 A 19940525

Priority

DE 4318434 A 19930603

Abstract (en)

[origin: EP0627553A1] The invention relates to a holding device for a fuel injection valve of a diesel engine, in which a nozzle holder (10) is inserted from above into a chamber (9) situated in the cylinder head (1) and is held by a clip (29). The clip (29) is supported in a seating aperture (28) on the edge of the cylinder head (1) and, under the force of a tightening screw (31) acts as lever on the nozzle holder (10). A pressure duct (33) and a leak-off duct (40) in the clip (29) lead to the nozzle holder (10). Due to the small space required, the clip (29) can be accommodated below a centrally arranged overhead camshaft (6), so that even in such a case a central arrangement of the injection valve (11) relative to the cylinder can be achieved. In addition the invention, at little expense, permits a flow-enhancing alignment of the pressure ducts (33, 17) so that sharp-edged bends can be avoided. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

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DOCDB simple family (application)

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