Title (en)

ELECTROMAGNETICALLY OPERABLE FUEL INJECTION VALVE.

Title (de)

ELEKTROMAGNETISCH BETÄTIGBARES KRAFTSTOFFEINSPRITZVENTIL.

Title (fr)

INJECTEUR DE CARBURANT A COMMANDE ELECTROMAGNETIQUE.

Publication

EP 0504147 B1 19940907

Application

EP 90915088 A 19901025

Priority

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Abstract (en)

[origin: DE3940585A1] The purpose of the invention is to improve the accuracy of adjustment and function of fuel injection valves as described in the claim and to reduce manufacturing costs. In an electromagnetically operable fuel injection valve (1) for four-stroke engines, the invention provides a high-precision mutual arrangement of the outlet aperture (9) of the nozzle (5) or the valve seat (8) and the guide path (14), thus improving the operational precision and the wear resistance of the fuel injection valve in that a separate guide ring (7) is held in the longitudinal drilling (13) with a radial clearance by a welded joint (2). The invention is designed especially for fuel injection valves of motor vehicle engines.

IPC 1-7

F02M 51/06; F02M 61/12

IPC 8 full level

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