

Title (en)
FUEL INJECTION VALVE AND FUEL INJECTION SYSTEM

Title (de)
BRENNSTOFFEINSPRITZVENTIL UND BRENNSTOFFEINSPRITZSYSTEM

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT ET SYSTÈME D'INJECTION DE CARBURANT

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Application
EP 07820738 A 20071001

Priority
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Abstract (en)
[origin: US7886717B2] A fuel injector, especially for the direct injection of fuel into a combustion chamber of an internal combustion engine, includes a nozzle body able to be inserted into a recess of a cylinder head, a valve housing, a plug abutting the valve housing, and at least one fixation element, which fixes the nozzle body in its position in the recess, the fixation element extending from a connection region (28) between the valve housing and the plug on the spray-discharge side. The at least one fixation element has a reinforcement having a spherical contour at an outer periphery, the reinforcement being formed by at least one outwardly projecting element having an outwardly curving end face and/or having a planar end face.

IPC 8 full level
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