

Title (en)
FUEL INJECTOR HAVING A SOLENOID VALVE WITH A SPHERICAL SEAT

Title (de)
KRAFTSTOFFINJEKTOR MIT MAGNETVENTIL MIT KUGELSITZ

Title (fr)
INJECTEUR DE CARBURANT AVEC ÉLECTROVANNE À SIÈGE SPHÉRIQUE

Publication
EP 2100026 A1 20090916 (DE)

Application
EP 07821236 A 20071012

Priority
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Abstract (en)
[origin: DE102006057025A1] The fuel injector (10) has an injecting valve element (42) operated via pressure discharge of a control chamber (36), which is subjected with a system pressure. The pressure discharge of the control chamber is made by a pressure-compensating magnetic valve (22), whose valve element (62) opens or locks a valve seat (80). The valve element or a piece of valve exhibits a spherical surface (86). The valve element is guided at a pressure pin, and a pressure-compensating area (78) is limited with the valve element.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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