

Title (en)
FUEL INJECTOR WITH A MAGNETIC VALVE

Title (de)
KRAFTSTOFFINJEKTOR MIT MAGNETVENTIL

Title (fr)
INJECTEUR DE CARBURANT AVEC ÉLECTROVANNE

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Application
EP 08735915 A 20080408

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Abstract (en)
[origin: WO2008128884A1] The invention relates to a fuel injector (10) for injecting fuel into the combustion space of an internal combustion engine. An injection valve element (32) is actuated by the relief of pressure in a control space (40), which is applied with a system pressure (p_{sys}), wherein the relief of pressure in the control space (40) takes place by means of a pressure equalizing shift valve (24). The valve element (48) of said shift valve (24) opens or closes a valve seat (46). The control space (40), the valve seat (46), and an inflow space (58) are disposed radially symmetrically (78).

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Citation (search report)
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