

Title (en)
COMMON RAIL INJECTOR

Title (de)
COMMON-RAIL-INJEKTOR

Title (fr)
INJECTEUR COMMON RAIL

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Application
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Abstract (en)
[origin: WO2005103480A1] The invention relates to a common rail injector, having an injector body (1), provided with a fuel inlet (50), communicating with a central high-pressure fuel source, outside the injector body and with a pressure chamber (17), inside said injector body, from which, depending on the pressure in the control chamber (21), high-pressure fuel is injected into a combustion chamber of an internal combustion engine, when an injector needle (8) lifts from its seat (11), whereby the pressure in the control chamber (21) is directly controlled by an actuator (58), in particular, a piezoelectric actuator. In order to reduce the installation space, another control chamber (22) is connected in series with the first control chamber (21).

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