

Title (en)
FUEL INJECTOR

Title (de)
KRAFTSTOFF-INJEKTOR

Title (fr)
INJECTEUR DE CARBURANT

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Application
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Abstract (en)
[origin: WO2011113640A1] The invention relates to a fuel injector (10), in particular a common rail injector, for injecting fuel into a combustion chamber (11) of an internal combustion engine, having an injection valve element (27) that can be displaced between a closed position and an open position opening a nozzle hole arrangement (25), it being possible for the injection valve element (27) to be driven by a magnetic armature assembly (49; 18) via a coupling chamber (70) filled with a pressurized medium. According to the invention, provision is made for the magnetic armature assembly (49; 80) to have at least two magnetic armatures (55, 55a, 55b, 56, 56a, 56b, 81, 86, 92, 94, 95, 97, 101, 108, 108a) which can be moved relative to one another and the end faces (65, 65c, 66, 66c) of which project into the coupling chamber (70).

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