

Title (en)

INJECTOR WITH A PARTICLE FILTER ARRANGED BEFORE THE INLET RESTRICTOR

Title (de)

INJEKTOR MIT EINEM VOR DER ZULAUFDROSSEL ANGEORDNETEN PARTIKELFILTER

Title (fr)

INJECTEUR COMPORTANT UN FILTRE À PARTICULES DISPOSÉ EN AMONT DE LA RESTRICTION D'ADMISSION

Publication

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Application

EP 09780500 A 20090713

Priority

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Abstract (en)

[origin: WO2010023024A1] The invention relates to an injector for injecting fuel into the combustion chamber of an internal combustion engine, comprising an injector housing (2), comprising a fuel inlet (4) for high pressure fuel, connected via a high pressure channel (6) to a pressure chamber (8), from which the fuel is injected depending on the position of a control valve (10), wherein the control valve (10) is provided in a control chamber (12) of a control piston (14) which is connected to the fuel inlet (4) by means of the inlet restrictor (16), wherein a particle filter (18) is arranged before the inlet restrictor (16) with relation to the direction of flow of fuel, which filters the fuel entering the control chamber (12).

IPC 8 full level

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Citation (search report)

See references of WO 2010023024A1

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