

Title (en)  
INJECTOR AND ASSEMBLY HAVING AN INJECTOR

Title (de)  
INJEKTOR UND ANORDNUNG MIT EINEM INJEKTOR

Title (fr)  
INJECTEUR ET ENSEMBLE PRÉSENTANT UN INJECTEUR

Publication  
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Application  
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Abstract (en)  
[origin: WO2023280866A1] The invention relates to an injector (10) for discharging a pressurized working medium into a combustion chamber (1) of an internal combustion engine (2), comprising: - an injector housing (22), in which a nozzle needle (34) is longitudinally movably disposed between a closed position, in which the nozzle needle closes at least one inlet opening (26) for the working medium into the combustion chamber (1), and an open position, in which the nozzle needle leaves the at least one inlet opening (26) open; - a pressure chamber (28) for the working medium, the pressure chamber being located in the injector housing (22); and - a control chamber (46), which is located in the injector housing (22) and which can be filled with a pressurized control medium different from the working medium.

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