

Title (en)

COMMON RAIL INJECTOR WITH A PRESSURE-COMPENSATED CONTROL VALVE AND A AN ADDITIONAL ACCUMULATOR VOLUME

Title (de)

COMMON-RAIL-INJEKTOR MIT DRUCKAUSGEGLICHENEM SCHALTVENTIL UND ZUSÄTZLICHEM SPEICHERVOLUMEN

Title (fr)

INJECTEUR COMMON RAIL AVEC UNE SOUPAPE DE COMMANDE À & xA;COMPENSATION DE PRESSION ET UN RÉSERVOIR DE CARBURANT SUPPLÉMENTAIR

Publication

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Application

**EP 11703700 A 20110217**

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Abstract (en)

[origin: WO2011117029A1] The invention relates to an injector, in particular a fuel injector for an internal combustion engine, comprising an actuator module 8 controlling a valve 15 for setting a through-flow of a fluid medium, wherein the valve 15 connects a control chamber 4 for control of a control piston to a low-pressure region. The invention provides an injector which is improved with regard to the functional requirements for being capable of multiple injections. This is achieved in that the control chamber 4 is interconnected with a reservoir volume. The reservoir volume is a reservoir space 16, which is arranged in a valve body 7 of the injector.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2011117029A1

Citation (examination)

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