

Title (en)

DEVICE FOR INJECTING FUEL INTO THE COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUM EINSPRITZEN VON KRAFTSTOFF IN DEN BRENNRAUM EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF POUR INJECTER DU CARBURANT DANS LA CHAMBRE DE COMBUSTION D'UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

EP 11785565 A 20111102

Priority

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- AT 2011000444 W 20111102

Abstract (en)

[origin: WO2012058703A1] The invention relates to a device for injecting fuel into the combustion chamber of an internal combustion engine with at least one injector (1) comprising an injector body that is equipped with a high-pressure accumulator (6), a nozzle needle (15) which is guided in the injector (1) in an axially movable manner and which is surrounded by a nozzle chamber (19), a high-pressure line (8) that connects the high-pressure accumulator (6) to the nozzle chamber (19), and a resonator line (20) which is connected parallel to the high-pressure line (8) and which is connected to the nozzle chamber (19) and opens into the high-pressure accumulator (6) via a resonator throttle (21). The resonator line (20) and the high-pressure line (8) are formed in a retaining body (5) at least in the line section adjoining the high-pressure accumulator (6), said retaining body being screwed into the accumulator pipe (22) that forms the high-pressure accumulator (6) at the retaining body end face.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2012058703A1

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