

Title (en)

DEVICE FOR ATTENUATING THE STROKE OF THE NEEDLE IN PRESSURE-CONTROLLED FUEL INJECTORS

Title (de)

EINRICHTUNG ZUR NADELHUBDÄMPFUNG AN DRUCKGESTEUERTEN KRAFTSTOFFINJEKTOREN

Title (fr)

DISPOSITIF PERMETTANT D'AMORTIR LA COURSE DE L'AIGUILLE SUR DES INJECTEURS DE CARBURANT COMMANDES PAR PRESSION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004003377A1] The invention relates to a device for injecting fuel into a combustion chamber (7) of an internal combustion engine. Said device comprises a fuel injector (1) which can be supplied with fuel under high pressure by means of a high pressure source (2), and can be actuated by means of a metering valve (6). An attenuation element (29) which defines an attenuation chamber (28) and can be displaced independently of the injection valve member (35) is associated with said injection valve member (35). Said attenuation element (29) comprises at least one overflow channel (30, 45) for connecting the attenuation chamber (28) to another hydraulic chamber (23).

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