

Title (en)

PRESSURE PULSATION DAMPER FOR A FUEL INJECTION SYSTEM, AND FUEL INJECTION SYSTEM

Title (de)

DRUCKPULSATIONS DÄMPFER FÜR EIN KRAFTSTOFFEINSPRITZSYSTEM SOWIE KRAFTSTOFFEINSPRITZSYSTEM

Title (fr)

AMORTISSEUR DE PULSATIONS DE PRESSION POUR SYSTÈME D'INJECTION DE CARBURANT ET SYSTÈME D'INJECTION DE CARBURANT

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Abstract (en)

[origin: WO2017050467A1] The invention relates to a pressure pulsation damper (1) for a fuel injection system, in particular a common-rail injection system, comprising a tubular line section (2) in which a fuel duct (3) is formed, which line section is connected, by way of at least one opening (4) in the shell in the tubular line section (2), to a pressure damping chamber (5). According to the invention, the pressure damping chamber (5) is at least partially filled with gas (6) and/or comprises at least one gas-filled element (7). The invention also relates to a fuel injection system, in particular a common-rail injection system, having a pressure pulsation damper (1) of said type.

IPC 8 full level

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