

Title (en)

DEVICE FOR SURPRESSING PRESSURE WAVES ON STORAGE INJECTION SYSTEMS

Title (de)

EINRICHTUNG ZUR UNTERDRÜCKUNG VON DRUCKWELLEN AN SPEICHEREINSPRITZSYSTEMEN

Title (fr)

DISPOSITIF DE SUPPRESSION D'ONDES DE PRESSION SUR UN SYSTEME D'INJECTION A ACCUMULATION

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Application

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Abstract (en)

[origin: WO2004033893A1] The invention relates to a fuel injection device comprising a pressure intensifier (30) which is arranged between a high-pressure accumulator chamber (8) and a jet chamber (48). The high-pressure chamber (34) is connected by a pressure line (39, 49) to a control chamber (41) actuating an injection valve member (44) of a fuel injector (40) and to the jet chamber (48). A compensation device (9) is arranged in a high-pressure line (8, 27) between the high-pressure storage chamber (7) and the fuel injector (40). Said compensation device produces a throttled connection (19) or a non-throttled connection (21) between the high-pressure storage chamber (7) and the fuel injector (40).

IPC 8 full level

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