

Title (en)

HIGH-PRESSURE INJECTOR FOR INTERNAL COMBUSTION ENGINES HAVING A CONTROL-ROD SUPPORT WHICH INCREASES THE BUCKLING LOAD VIA HIGHLY PRESSURIZED FUEL

Title (de)

HOCHDRUCK-EINSPRITZINJEKTOR FÜR BRENNKRAFTMASCHINEN MIT EINER KNICKLASTSTEIGERNDEN STEUERSTANGENABSTÜTZUNG ÜBER UNTER HOCHDRUCK STEHENDEM KRAFTSTOFF

Title (fr)

INJECTEUR HAUTE PRESSION POUR MOTEURS À COMBUSTION INTERNE À APPUI DE TIGE DE COMMANDE À CHARGE DE FLAMBAGE CROISSANTE PAR L'INTERMÉDIAIRE DE CARBURANT HAUTE PRESSION

Publication

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Application

**EP 08758770 A 20080527**

Priority

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- DE 102007025050 A 20070529

Abstract (en)

[origin: WO2008145330A1] On the housing side, a high-pressure injector (1) has a central receptacle chamber (16) which lies between the actuator and the control valve (17) and is penetrated centrally by a control rod (23) which is multiple times as long as it is thick, and which receptacle chamber (16) forms, at least over part of its length, a pressure accumulator (24), in which the control rod (23) is surrounded directly by the fuel.

IPC 8 full level

**F02M 47/02** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

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