

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE, FUEL SYSTEM, AND VOLUME FLOW CONTROL VALVE

Title (de)

VERFAHREN ZUM BETREIBEN EINES VERBRENNUNGSMOTORS, KRAFTSTOFFSYSTEM UND EIN VOLUMENSTROMREGELVENTIL

Title (fr)

PROCEDE POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION, SYSTEME D'ALIMENTATION EN CARBURANT ET SOUPAPE DE REGULATION DE DEBIT VOLUMETRIQUE

Publication

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Application

**EP 04728820 A 20040422**

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Abstract (en)

[origin: WO2004104397A1] The invention relates to a method for operating an internal combustion engine comprising a fuel pressure accumulator (7), in order to provide fuel at a nominal pressure, pressure in the fuel pressure accumulator being generated by means of a high-pressure pump (6). According to said method, the high-pressure pump is supplied with a fuel flow via a volume flow control valve (3). In a first operating mode, the pressure in the fuel pressure accumulator (7) is set to the nominal pressure, by regulating the fuel flow of the fuel delivered to the high-pressure pump (6) by means of the volume flow regulating valve (3). In a second operating mode, the pressure in the fuel pressure accumulator is set to the nominal pressure, i.e. more specifically, the pressure in the fuel pressure accumulator is reduced to the nominal pressure.

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