

Title (en)  
FUEL INJECTION METHOD AND DEVICE

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR DURCHFÜHRUNG EINER KRAFTSTOFFEINSPRITZUNG

Title (fr)  
PROCEDE ET DISPOSITIF POUR LA REALISATION D'UNE INJECTION DE CARBURANT

Publication  
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Application  
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Abstract (en)  
[origin: US6675773B1] A fuel injection is effected by means of a high-pressure pump (2) and a pressure reservoir chamber (6) for generating and storing a first system pressure. This system pressure is not used for injection; instead, by means of the pressure booster unit (9), a higher injection pressure is generated during the injection, and this injection pressure can be reduced to shape the course of injection. By means of this invention, an improved capability of metering the fuel injection and an improved execution of fast switching times are achieved.

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