

Title (en)  
FUEL INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR OPERATING A FUEL INJECTION SYSTEM

Title (de)  
KRAFTSTOFFEINSPRITZANLAGE FÜR EINEN VERBRENNUNGSMOTOR UND VERFAHREN ZUM BETRIEB EINER  
KRAFTSTOFFEINSPRITZANLAGE

Title (fr)  
SYSTEME D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE ET PROCEDE D'EXPLOITATION D'UN SYSTEME  
D'INJECTION DE CARBURANT

Publication  
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Application  
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Abstract (en)  
[origin: WO03085245A1] The invention relates to a fuel injection system for an internal combustion engine, particularly for a diesel engine, comprising at least two cylinders. The fuel injection system comprises at least two actuator units, and at least one actuator element for injecting fuel into the cylinder is assigned to each cylinder. The fuel injection system additionally comprises an injection control for monitoring and/or for resolving a conflict when controlling the actuator elements. The invention is characterized in that the injection control controls the actuator elements earlier and/or later or not at all according to charging and/or discharging flanks of the injection elements during injections.

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