

Title (en)
METHOD FOR OPERATION OF AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN ZUM BETRIEB EINER BRENNKRAFTMASCHINE

Title (fr)
PROCEDE POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE

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Application
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Abstract (en)
[origin: WO2006069848A1] The invention relates to a method for operation of an internal combustion engine, comprising an injection valve (18), which is opened and closed electrically, whereby a booster capacitor (BK) is used to increase the current flow on opening the injection valve (18). A secure injection can be guaranteed in extreme conditions of a recommencement of injection after an overrun condition and a start process after a switch-off phase with pressure increase in the high pressure fuel system due to heating of the fuel with a booster capacitor embodied for normal operation, whereby the current profile of the booster capacitor is switched to a higher value or increased duration in certain operating conditions of the internal combustion engine and, on termination of the certain operating condition, the standard value and standard duration are reset.

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Cited by
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