

Title (en)
METHOD, COMPUTER PROGRAMME AND CONTROL OR REGULATING DEVICE FOR OPERATING AN INTERNAL COMBUSTION ENGINE AND FUEL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN, COMPUTERPROGRAMM UND STEUER- UND/ODER REGELGERÄT ZUM BETREIBEN EINER BRENNKRAFTMASCHINE SOWIE KRAFTSTOFFSYSTEM FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
PROCEDE, PROGRAMME INFORMATIQUE ET ORGANE DE COMMANDE ET/OU DE REGLAGE POUR LE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE ET SYSTEME DE CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE

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Application
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Abstract (en)
[origin: DE10127516A1] The method involves detecting an internal combustion engine start request and, if such a request exists, switching on an additional electrically driven fuel pump (46) at least for the duration of the starting process to feed fuel directly to the common fuel rail (30) at a raised supply pressure. Alternately the feed pressure of a single pump can be raised during starting without increasing the delivered quantity. Independent claims are also included for the following: a computer program for implementing the method and a fuel system for an internal combustion engine.

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F02D 41/30; F02M 63/02; F02M 55/00; F02M 59/42; F02M 69/34

IPC 8 full level
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CPC (source: EP KR)
F02D 41/062 (2013.01 - EP); **F02D 41/3082** (2013.01 - EP); **F02D 41/3836** (2013.01 - EP); **F02M 37/18** (2013.01 - EP); **F02M 39/02** (2013.01 - EP); **F02M 47/00** (2013.01 - KR); **F02M 55/00** (2013.01 - EP); **F02M 59/42** (2013.01 - EP); **F02M 63/0225** (2013.01 - EP); **F02D 2250/31** (2013.01 - EP); **F02M 2200/60** (2013.01 - EP)

Citation (search report)
See references of WO 02099264A1

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