

Title (en)

Control method for a common rail injection system

Title (de)

Verfahren zur Steuerung eines Common-Rail-Einspritzsystems

Title (fr)

Méthode de contrôle pour un système d'injection à rail d'alimentation commune

Publication

EP 1072780 A3 20030507 (DE)

Application

EP 00107645 A 20000408

Priority

DE 19934833 A 19990724

Abstract (en)

[origin: EP1072780A2] The method involves setting the rail pressure as a function of the injection quantity according to a first characteristic in a stationary or quasi-stationary load state. In a second, non-stationary engine load state, esp. for non-stationary full load, the rail pressure is set as a function of injection quantity according to a second characteristic and is increased wrt. the pressure for a stationary or quasi-stationary state.

IPC 1-7

F02D 41/38; **F02D 33/02**; **F02D 41/10**

IPC 8 full level

F02D 23/02 (2006.01); **F02D 41/04** (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP US)

F02D 41/3827 (2013.01 - EP US); **F02D 41/3836** (2013.01 - EP US); **F02D 2250/31** (2013.01 - EP US)

Citation (search report)

- [X] EP 0930426 A2 19990721 - SIEMENS AG [DE]
- [A] WO 9506813 A1 19950309 - BOSCH GMBH ROBERT [DE], et al
- [A] WO 9523921 A1 19950908 - BOSCH GMBH ROBERT [DE], et al
- [A] US 5894829 A 19990420 - SCHMID WOLFRAM [DE]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19934833 A1 20010125; DE 50014989 D1 20080410; EP 1072780 A2 20010131; EP 1072780 A3 20030507; EP 1072780 B1 20080227; JP 2001055949 A 20010227; US 6401692 B1 20020611

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