

Title (en)

Method to control a fuel injection system

Title (de)

Verfahren zum Steuern eines Kraftstoff-Einspritzsystems

Title (fr)

Procédé de commande d' un système d' injection de carburant

Publication

EP 0927821 A3 20020821 (DE)

Application

EP 98119033 A 19981008

Priority

DE 19800039 A 19980102

Abstract (en)

[origin: EP0927821A2] The method involves using a control valve which can connect a fuel delivery channel to a high pressure chamber to build up an injection pressure in the high pressure chamber between a high pressure pump and an injection nozzle. An injection control signal closes the control valve for a predefined time and then opens it again, after which at least one further control signal closes the valve for at least a second defined period.

IPC 1-7

F02M 45/02; **F02M 55/02**; **F02M 59/36**; **F02M 55/04**; **F02M 57/02**

IPC 8 full level

A61B 5/087 (2006.01); **B28B 21/36** (2006.01); **F02M 45/02** (2006.01); **F02M 55/00** (2006.01); **F02M 55/02** (2006.01); **F02M 55/04** (2006.01); **F02M 57/02** (2006.01); **F02M 59/36** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 45/02 (2013.01); **F02M 55/00** (2013.01); **F02M 55/02** (2013.01); **F02M 55/04** (2013.01); **F02M 57/02** (2013.01); **F02M 59/366** (2013.01); **F02M 2200/04** (2013.01); **F02M 2200/21** (2013.01)

Citation (search report)

- [DX] DE 19544241 A1 19960613 - VOLKSWAGEN AG [DE]
- [X] EP 0481964 A2 19920422 - NIPPON DENSO CO [JP]
- [X] US 5697343 A 19971216 - ISOZUMI SHUZO [JP], et al

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WO0186137A1

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)

EP 0927821 A2 19990707; **EP 0927821 A3 20020821**; **EP 0927821 B1 20040506**; DE 19800039 A1 19990708; DE 19800039 B4 20070503; DE 59811329 D1 20040609

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