

Title (en)

Method, computer programme and control and/or regulation device for operating an internal combustion engine, and internal combustion engine

Title (de)

Verfahren, Computerprogramm und Steuer- und/oder Regelgerät zum Betreiben einer Brennkraftmaschine, sowie Brennkraftmaschine

Title (fr)

Procédé, programme informatique et dispositif de commande et/ou de réglage pour le fonctionnement d'un moteur à combustion interne, ainsi qu'un moteur à combustion interne

Publication

**EP 1327766 A3 20060201 (DE)**

Application

**EP 02026217 A 20021126**

Priority

DE 10200987 A 20020114

Abstract (en)

[origin: EP1327766A2] The engine has a piston pump (18) as a fuel pump with at least one transport chamber (38). The method involves using number of engine operating ranges and separating the transport chamber from a low pressure region (16) with a valve (44) for a defined period every defined number of transport strokes in a first operating range and at different intervals in a different operating range. Independent claims are also included for the following: a computer program and a control and/or regulation device for operating an internal combustion engine.

IPC 8 full level

**F02D 41/38** (2006.01); **F02M 63/00** (2006.01); **F02D 41/00** (2006.01); **F02M 47/00** (2006.01); **F02M 47/02** (2006.01); **F02M 51/00** (2006.01); **F02M 59/36** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)

**F02D 41/3845** (2013.01); **F02M 59/366** (2013.01); **F02M 63/0225** (2013.01); **F02D 2250/31** (2013.01)

Citation (search report)

- [A] US 6237573 B1 20010529 - ONISHI YOSHIHIKO [JP], et al
- [A] US 6318343 B1 20011120 - NAKAGAWA NORIHISA [JP], et al
- [A] US 6135090 A 20001024 - KAWACHI KATSUYOSHI [JP], et al

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WO2006103147A1; EP1741912A3; EP1533516A4; CN105593500A; EP1873382A3; DE102009058391B4; DE102011006203A1; DE102011006203B4; DE102004016943A1; DE102004016943B4; US7422002B2; US9739209B2; US7406949B2; US7624719B2; WO2008057176A1; WO2015007446A1; US7823566B2; US8342151B2; US7536997B2; US7299790B2; US7757667B2; US8015964B2; US7546832B2

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DOCDB simple family (application)

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