

Title (en)  
METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

Title (de)  
VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE

Title (fr)  
MODE DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE

Publication  
**EP 1045968 B1 20040421 (DE)**

Application  
**EP 99957951 A 19991029**

Priority  
• DE 9903463 W 19991029  
• DE 19850587 A 19981103

Abstract (en)  
[origin: DE19850587A1] The invention relates to an internal combustion engine, especially for a motor vehicle, which is provided with a combustion chamber into which fuel can be injected in at least two different fuel injection modes. A control unit is provided for switching between the two modes. The control unit can also be used to switch to an intermediate mode (25) when switching between the two fuel injection modes (23, 24).

IPC 1-7  
**F02D 41/30**

IPC 8 full level  
**F02D 45/00** (2006.01); **F02D 41/26** (2006.01); **F02D 41/30** (2006.01); **F02D 41/34** (2006.01)

CPC (source: EP)  
**F02D 41/26** (2013.01); **F02D 41/3064** (2013.01); **F02D 41/3029** (2013.01); **F02D 41/3076** (2013.01); **F02D 2041/1411** (2013.01)

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**DE 19850587 A1 20000504**; DE 59909235 D1 20040527; EP 1045968 A1 20001025; EP 1045968 B1 20040421; JP 2002529639 A 20020910; WO 0026525 A1 20000511

DOCDB simple family (application)  
**DE 19850587 A 19981103**; DE 59909235 T 19991029; DE 9903463 W 19991029; EP 99957951 A 19991029; JP 2000579883 A 19991029