

Title (en)

Method to optimise an operating parameter of a reciprocating combustion engine, and engine

Title (de)

Verfahren zur Optimierung eines Betriebsparameters einer Hubkolbenbrennkraftmaschine, sowie Hubkolbenbrennkraftmaschine

Title (fr)

Méthode pour optimiser un paramètre de fonctionnement d'un moteur à combustion, et moteur à combustion

Publication

**EP 1739296 A1 20070103 (DE)**

Application

**EP 06405226 A 20060524**

Priority

- EP 05405417 A 20050630
- EP 06405226 A 20060524

Abstract (en)

The component of the operating parameter of an IC engine is adjusted to a given value between two engine speeds, by preferably injecting fuel into the combustion chamber at an angle different from the fuel injection angles at two engine speeds, or by opening an exhaust valve at an angle different from the valve opening angles at the same engine speeds. An independent claim is also included for an internal combustion (IC) engine.

IPC 8 full level

**F02D 41/10** (2006.01); **F02D 13/02** (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP KR)

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Citation (search report)

- [PX] WO 2005124132 A1 20051229 - MAN B & W DIESEL AS [DK], et al
- [X] EP 0447697 A2 19910925 - MITSUBISHI HEAVY IND LTD [JP]
- [A] EP 0254005 A1 19880127 - SULZER AG [CH]
- [A] WO 9429585 A1 19941222 - MAN B & W DIESEL GMBH [DK], et al
- [DA] DE 202004002185 U1 20040722 - MAN B & W DIESEL AS KOPENHAGEN [DK]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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**EP 06405226 A 20060524**; CN 200610099655 A 20060629; DK 06405226 T 20060524; JP 2006178881 A 20060629; JP 2012000003 U 20120104; KR 20060059427 A 20060629