

Title (en)

A method for operating a multi-stroke combustion engine

Title (de)

Verfahren zum Regeln einer Mehrtaktbrennkraftmaschine

Title (fr)

Méthode de contrôle pour un moteur à multiple cycle

Publication

EP 1479888 A1 20041124 (EN)

Application

EP 03011574 A 20030522

Priority

EP 03011574 A 20030522

Abstract (en)

A method for operating a multi-stroke combustion engine provided with electronically controlled intake and exhaust valves, the method comprising the steps of: providing a set of different stroke operating modes, assigning a combustion frequency number Ni to each different stroke operating mode, said combustion frequency number indicating the number of strokes performed by a piston in a combustion cycle of said engine. <IMAGE>

IPC 1-7

F02B 69/06

IPC 8 full level

F02B 69/06 (2006.01)

CPC (source: EP)

F02B 69/06 (2013.01)

Citation (applicant)

- US 5131354 A 19920721 - RICHESON WILLIAM E [US]
- US 2002083904 A1 20020704 - OTTERSPEER ROB [SE], et al
- DE 19850584 A1 20000504 - BOSCH GMBH ROBERT [DE]
- US 5752491 A 19980519 - SCHMITZ GUENTER [DE], et al
- US 5701871 A 19971230 - MUNAKATA HIROKI [JP], et al
- US 5531208 A 19960702 - HASEGAWA YUSUKE [JP], et al

Citation (search report)

- [A] US 2002083904 A1 20020704 - OTTERSPEER ROB [SE], et al
- [A] WO 03023209 A1 20030320 - CARGINE ENGINEERING AB [SE], et al
- [A] EP 0387372 A1 19900919 - JOSHI VASANT MUKUND [IN]
- [A] EP 0397359 A2 19901114 - ISUZU MOTORS LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 08 30 June 1999 (1999-06-30)

Designated contracting state (EPC)

DE GB SE

DOCDB simple family (publication)

EP 1479888 A1 20041124; EP 1479888 B1 20100811; DE 60333730 D1 20100923

DOCDB simple family (application)

EP 03011574 A 20030522; DE 60333730 T 20030522