

Publication

EP 0700482 A4 19960320

Application

EP 93909156 A 19930319

Priority

US 9302728 W 19930319

Abstract (en)

[origin: EP0700482A1] The arrangement includes a secondary cylinder (201) formed in the engine cylinder head (102) which opens upon the combustion chamber (110) of the engine. A secondary piston (203) is positioned by a control device (503) within the secondary cylinder (201). The rearmost position corresponds to the lowest compression ratio. The position of the secondary piston (203) to achieve the compression ratio giving maximum engine efficiency, is controlled by a logic unit (816) operating upon such inputs as the engine load as correlated to the input manifold pressure, the engine RPM and the present position of the secondary piston (203).

IPC 1-7

F02B 75/04

IPC 8 full level

F02B 41/00 (2006.01); **F02B 75/04** (2006.01); **F02D 15/04** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP)

F02B 41/00 (2013.01); **F02B 75/04** (2013.01); **F02D 15/04** (2013.01); **F02B 1/04** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9421908A1

Cited by

CN103256126A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0700482 A1 19960313; **EP 0700482 A4 19960320**; **EP 0700482 B1 19991222**; DE 69327408 D1 20000127; DE 69327408 T2 20000803; JP 3366332 B2 20030114; JP H08511597 A 19961203; WO 9421908 A1 19940929

DOCDB simple family (application)

EP 93909156 A 19930319; DE 69327408 T 19930319; JP 52098094 A 19930319; US 9302728 W 19930319