

Title (en)
An internal combustion engine.

Title (de)
Brennkraftmaschine.

Title (fr)
Moteur à combustion interne.

Publication
EP 0438252 A1 19910724 (EN)

Application
EP 91300249 A 19910114

Priority
JP 756190 A 19900116

Abstract (en)
An internal combustion engine which has a piston (2) running in a cylinder (1) has a combustion chamber (6) which communicates with an auxiliary chamber (7). A valve (10) is operable to open or close communication between the combustion chamber (6) and the auxiliary chamber (7) so that the chambers can be in communication during a compression stroke, but can be closed off from one another during combustion so that the compression ratio of the engine is changed without altering the expansion coefficient. <IMAGE>

IPC 1-7
F02D 15/04

IPC 8 full level
F02D 15/04 (2006.01)

CPC (source: EP)
F02D 15/04 (2013.01)

Citation (search report)
• [X] EP 0095252 A2 19831130 - FORD MOTOR CO [GB], et al
• [X] PATENT ABSTRACTS OF JAPAN vol. 6, no. 240 (M-174)(1118) 27 November 1982, & JP-A-57 137635 (FUJI JUKOGYO) 25 August 1982,

Cited by
EP0670417A3; US5862790A; US5878714A

Designated contracting state (EPC)
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