

Title (en)
Combustion engine

Title (de)
Verbrennungsmotor

Title (fr)
Moteur à combustion

Publication
EP 1113158 A3 20020626 (DE)

Application
EP 00127017 A 20001209

Priority
AT 218799 A 19991227

Abstract (en)
[origin: EP1113158A2] The engine includes a separate expansion chamber (3) with a piston (4) driving a drive shaft (32) via a cam transmission, in which the pushing member (30) can be lifted off the cam disk (31). This produces a timing independent of the continuous rotation of the cam disk, allowing for a pause of the expansion chamber piston at TDC.

IPC 1-7
F02B 75/32; **F01B 9/06**

IPC 8 full level
F01B 9/06 (2006.01); **F02B 75/32** (2006.01)

CPC (source: EP US)
F01B 9/06 (2013.01 - EP US); **F02B 75/32** (2013.01 - EP US); **F01B 2009/065** (2013.01 - EP US); **F02G 2254/11** (2013.01 - EP US)

Citation (search report)

- [AD] EP 0957250 A2 19991117 - HMS ARTIST SCHEIER OEG [AT]
- [A] US 1604625 A 19261026 - WICKERSHAM ELMER E
- [A] GB 262429 A 19270714 - WILLIAM OLAV SIGURD BRANDSTORP
- [AD] US 5813372 A 19980929 - MANTHEY STEVEN CHARLES [AU]
- [AD] DE 3214516 A1 19831020 - SCHIPULL WITOLD

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1113158 A2 20010704; **EP 1113158 A3 20020626**; US 2001039795 A1 20011115; US 6449940 B2 20020917

DOCDB simple family (application)
EP 00127017 A 20001209; US 74889300 A 20001226; US 74889301 A 20010423