

Title (en)

Variable valve drive for an internal combustion engine

Title (de)

Variable Ventilsteuerung für Hubkolben-Brennkraftmaschinen

Title (fr)

Dispositif de distribution variable pour moteur à combustion interne

Publication

EP 1128029 A3 20021113 (DE)

Application

EP 01102431 A 20010203

Priority

DE 10006365 A 20000212

Abstract (en)

[origin: EP1128029A2] The variable valve control for a reciprocating piston internal combustion motor, using a valve opening camshaft (5) and closing camshaft (6), has a timing gear (12) of rotating gear wheels. The timing gears are concentrated axially on to the camshafts (5,6). The timing gears are set by a common setting wheel (17) operated by the setting motor (13), regulated by the control (14) according to the driving parameters.

IPC 1-7

F01L 13/00; **F01L 1/34**

IPC 8 full level

F01L 1/34 (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP)

F01L 1/34 (2013.01); **F01L 13/0047** (2013.01)

Citation (search report)

- [A] FR 2480854 A1 19811023 - RENAULT [FR]
- [A] DE 19701203 A1 19980723 - DAIMLER BENZ AG [DE]
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Cited by

CN100406699C; EP1741904A1; EP1342897A1

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 1128029 A2 20010829; **EP 1128029 A3 20021113**; **EP 1128029 B1 20051109**; DE 10006365 A1 20010816; DE 50107942 D1 20051215; ES 2250235 T3 20060416

DOCDB simple family (application)

EP 01102431 A 20010203; DE 10006365 A 20000212; DE 50107942 T 20010203; ES 01102431 T 20010203