

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 B1 20051109 (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)

Cited by

CN100406699C; EP1741904A1; EP1342897A1

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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

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