

Title (en)
Internal combustion engine with valve lift adjustment

Title (de)
Verbrennungskraftmaschine mit Hubverstellung der Gaswechselventile

Title (fr)
Moteur à combustion interne avec soupapes à levée variable

Publication
EP 1445434 B1 20051026 (DE)

Application
EP 04000305 A 20040109

Priority
DE 10304304 A 20030204

Abstract (en)
[origin: EP1445434A1] A combustion engine with a lifting piece for a gas exchange valve comprises a camshaft (4a) with an adjacent valve lift, a cylinder head with a bearing (16) for the camshaft and a cylinder head cover. The split camshaft bearing lies between the cylinder head and cover and its dividing plane (12) is perpendicular to the plane between cylinder head and cover. An independent claim is also included for an engine as above having a divided eccentric shaft bearing.

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F01L 13/00; F01L 1/053; F02F 1/38

IPC 8 full level
F01L 13/00 (2006.01)

CPC (source: EP)
F01L 13/0063 (2013.01); **F01L 2001/0537** (2013.01); **F01L 2013/0068** (2013.01); **F01L 2303/01** (2020.05); **F01L 2305/00** (2020.05); **F01L 2800/13** (2013.01)

Cited by
EP1760278A3; DE102011088994A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1445434 A1 20040811; **EP 1445434 B1 20051026**; DE 10304304 A1 20040819; DE 502004000110 D1 20051201

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