

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.

IPC 1-7

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

IPC 8 full level

F01L 13/00 (2006.01)

CPC (source: EP)

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Cited by

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EP 1445434 A1 20040811; **EP 1445434 B1 20051026**; DE 10304304 A1 20040819; DE 502004000110 D1 20051201

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