

Title (en)

Cylinder head lubricating system of an internal combustion engine

Title (de)

Zylinderkopf-Schmiersystem einer Brennkraftmaschine

Title (fr)

Système de lubrification pour une culasse pour moteur à combustion interne

Publication

EP 0408081 B1 19951213 (EN)

Application

EP 90113491 A 19900713

Priority

JP 18189389 A 19890714

Abstract (en)

[origin: EP0408081A1] A lubrication arrangement for an engine and more particularly to an arrangement for lubricating the valve train of an engine. The valve train includes a cylinder head (24) that journals an intake (53) and an exhaust (63) camshaft through bearings formed in the cylinder head and the cam cover (47). Hydraulic lash adjusters (81-98) are associated with each of the camshafts and there are more intake adjusters than exhaust adjusters. An arrangement is provided for delivering lubricant to the lash adjusters and the camshaft journals which includes a passageway formed in the cam cover. Lubricant is delivered to the cylinder head in proximity to the intake adjusters so that the intake adjusters and the exhaust adjusters will receive lubricant at substantially the same pressure.

IPC 1-7

F01M 9/10; **F01L 1/24**

IPC 8 full level

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CPC (source: EP)

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Cited by

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