

Title (en)

Camshaft lubrication system for an internal-combustion engine

Title (de)

Nockenwellenschmierungsanlage für Brennkraftmaschinen

Title (fr)

Système de lubrification d'arbre à cames pour moteur à combustion interne

Publication

**EP 0377829 B2 19980311 (EN)**

Application

**EP 89122720 A 19891208**

Priority

JP 31235588 A 19881209

Abstract (en)

[origin: EP0377829A2] A lubricating arrangement for the overhead camshafts of an internal combustion engine. The cylinder head assembly (15) is formed with wells (48) in which lubricant can accumulate during the running of the engine and which surround at least in part the camshafts (35,54). When the engine stops running, the wells (48) will retain lubricant so that the camshaft will be lubricated immediately upon start up. The wells (48) associated with at least one of the camshafts are formed at least in part by the bearing caps (44,45) that journal the camshafts (35,54). One camshaft is supported by a greater number of bearings than the other camshaft and the fastening means associated with the camshaft bearings of the camshaft having the greater number of bearings are smaller than those associated with the other camshaft so as to insure equal torque down.

IPC 1-7

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CPC (source: EP)

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Cited by

WO2015104499A1; FR3016409A1; CN106030055A; EP0821144A1; DE19630192A1; DE19630192C2; US10309563B2

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