

Title (en)

Oil supply mechanism for internal combustion engine

Title (de)

Ölzufuhrmechanismus für einen Verbrennungsmotor

Title (fr)

Mécanisme d'alimentation d'huile pour moteur à combustion interne

Publication

**EP 2071143 A1 20090617 (EN)**

Application

**EP 08021547 A 20081211**

Priority

JP 2007321298 A 20071212

Abstract (en)

An oil supply mechanism for an internal combustion engine (1) is provided. The oil supply mechanism includes a cylinder head (3) that is fixed to an upper portion of a cylinder block (2) and has a valve chamber (9) therein. A sidewall of the cylinder head has an oil removing hole (41, 42, 51) through which oil is supplied from the valve chamber to a timing chain (22) provided on the side of the cylinder head. The oil removing hole communicates with the valve chamber, and the shape of the oil removing hole changes in the vertical direction.

IPC 8 full level

**F01M 9/10** (2006.01); **F02F 1/40** (2006.01)

CPC (source: EP)

**F01M 9/10** (2013.01); **F01M 2011/021** (2013.01)

Citation (applicant)

- JP 2000097103 A 20000404 - DAIHATSU MOTOR CO LTD
- EP 1258615 A2 20021120 - HONDA MOTOR CO LTD [JP]
- JP 2001012225 A 20010116 - SUZUKI MOTOR CO
- JP H08135427 A 19960528 - SUZUKI MOTOR CO
- JP 2004204732 A 20040722 - NISSAN MOTOR
- JP H04159408 A 19920602 - SUZUKI MOTOR CO

Citation (search report)

- [XA] JP H04159408 A 19920602 - SUZUKI MOTOR CO
- [XA] EP 1258615 A2 20021120 - HONDA MOTOR CO LTD [JP]
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- [A] US 6427658 B1 20020806 - TOYAMA TAKESHI [JP], et al

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US8353268B2; WO2014072816A3

Designated contracting state (EPC)

DE FR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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