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)
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Citation (search report)
- [XA] JP H04159408 A 19920602 - SUZUKI MOTOR CO
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US8353268B2; WO2014072816A3

Designated contracting state (EPC)
DE FR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2071143 A1 20090617; **EP 2071143 B1 20110126**; DE 602008004723 D1 20110310; JP 2009144572 A 20090702; JP 4661862 B2 20110330

DOCDB simple family (application)
EP 08021547 A 20081211; DE 602008004723 T 20081211; JP 2007321298 A 20071212