

Title (en)
Internal combustion engine and motorcycle equipped with the engine

Title (de)
Verbrennungsmotor und mit dem Motor ausgestattetes Motorrad

Title (fr)
Moteur à combustion interne et motocyclette équipée du moteur

Publication
EP 2527608 A1 20121128 (EN)

Application
EP 12168596 A 20120521

Priority
JP 2011119344 A 20110527

Abstract (en)
An internal combustion engine has an intake valve located above the cylinder axis line. Oil is supplied to the intake valve smoothly even without forming an opening of an oil supply passage at a position directly above the intake valve. An opening (64) connected to a passage (63) of the oil supply passage (50) is formed at a position located within the inner surface of a head cover (16) and higher than the intake valve (41), the position being off a position directly above the intake valve (41). A first rib (81) is provided on the inner surface of the head cover (16). One end of the first rib (81) is located at a side of the opening (64), and the other end thereof is located directly above the intake valve (41).

IPC 8 full level
F01M 9/10 (2006.01); **F01M 9/08** (2006.01)

CPC (source: EP)
F01M 9/08 (2013.01); **F01M 9/103** (2013.01)

Citation (applicant)
JP H09144520 A 19970603 - HONDA MOTOR CO LTD

Citation (search report)
• [YD] JP H09144520 A 19970603 - HONDA MOTOR CO LTD
• [Y] JP S5311251 A 19780201 - TOYOTA MOTOR CO LTD
• [A] JP S57162911 U 19821014
• [A] JP S6386316 U 19880606
• [A] JP 2006283623 A 20061019 - HONDA MOTOR CO LTD
• [A] JP S54145736 U 19791009

Cited by
EP4357592A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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