

Title (en)
ENGINE

Title (de)
MOTOR

Title (fr)
MOTEUR

Publication
EP 1645745 A4 20090610 (EN)

Application
EP 04747367 A 20040706

Priority

- JP 2004009899 W 20040706
- JP 2003195211 A 20030710
- JP 2004176406 A 20040615

Abstract (en)
[origin: EP1645745A1] It is an object of the invention to provide an engine, which can be decreased in height while the strength of a cylinder head is ensured. An engine 11 according to the invention is constructed such that a cam chain 19 is trained around a sprocket 17 fixed to a camshaft 16, a roof wall 13c of an accommodation chamber 13b, which accommodates therein the sprocket 17, is formed integral with a cylinder head 13, an opening 13h is formed on an upper surface of the cylinder head 13 to be adjacent to the roof wall 13c, and intake and exhaust valves 22, 23 face outside from the opening 13h, and that an opened surface of the opening 13h is positioned in a lower position than an upper end of the roof wall 13c and formed on the same plane.

IPC 8 full level
F02F 1/38 (2006.01); **F02F 7/00** (2006.01); **F02B 1/04** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP)
F02F 1/38 (2013.01); **F02F 7/006** (2013.01); **F02B 1/04** (2013.01); **F02B 2275/20** (2013.01); **F02F 2001/245** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2005005814A1

Cited by
US2022341372A1; US11788487B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1645745 A1 20060412; **EP 1645745 A4 20090610**; JP 4476221 B2 20100609; JP WO2005005814 A1 20060824;
WO 2005005814 A1 20050120

DOCDB simple family (application)
EP 04747367 A 20040706; JP 2004009899 W 20040706; JP 2005511557 A 20040706