

Title (en)
ENGINE FOR SADDLED VEHICLES AND SADDLED VEHICLE

Title (de)
MOTOR FÜR EIN SATTELFahrZEUG UND SATTELFahrZEUG

Title (fr)
MOTEUR POUR VéhicULES À SELLE ET VéhicULE À SELLE

Publication
EP 3144493 B1 20190313 (EN)

Application
EP 16786381 A 20160420

Priority

- JP 2015091475 A 20150428
- JP 2016062539 W 20160420

Abstract (en)
[origin: EP3144493A1] A cylinder head attachment portion is provided on a cam holder and includes a bolt hole through which a bolt for fixing a cylinder head to a cylinder is inserted and through which a lubricant oil flows. A protrusion is integrated with the cam holder, protrudes from the cylinder head attachment portion toward an intake valve or an exhaust valve, and guides the lubricant oil flowing from an upper end of the bolt hole. A guide is provided separately from the protrusion and extends toward the intake valve or the exhaust valve. The guide includes a lubricant oil receiver portion. The lubricant oil receiver portion receives the lubricant oil in a position under the protrusion when the lubricant oil flows through the protrusion. An extended portion downwardly extends from a lower end of the protrusion toward the lubricant oil receiver portion in a position apart from the cylinder head attachment portion.

IPC 8 full level
F01L 3/24 (2006.01); **F01L 1/047** (2006.01); **F01L 1/053** (2006.01); **F01L 1/18** (2006.01); **F01L 1/20** (2006.01); **F01M 1/06** (2006.01); **F01M 9/08** (2006.01); **F01M 9/10** (2006.01); **F01M 11/02** (2006.01)

CPC (source: EP)
F01L 1/181 (2013.01); **F01L 3/24** (2013.01); **F01M 1/06** (2013.01); **F01M 9/08** (2013.01); **F01M 9/10** (2013.01); **F01M 11/02** (2013.01); **F01L 1/20** (2013.01); **F01L 2001/0476** (2013.01); **F01L 2001/0535** (2013.01); **F01L 2250/02** (2013.01); **F01L 2305/00** (2020.05); **F01L 2810/02** (2013.01)

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

DOCDB simple family (publication)
EP 3144493 A1 20170322; EP 3144493 A4 20180124; EP 3144493 B1 20190313; ES 2722532 T3 20190813; JP 2016205334 A 20161208; WO 2016175104 A1 20161103

DOCDB simple family (application)
EP 16786381 A 20160420; ES 16786381 T 20160420; JP 2015091475 A 20150428; JP 2016062539 W 20160420