

Title (en)  
ENGINE AND STRADDLED VEHICLE

Title (de)  
MOTOR UND GRÄTSCHSITZFahrzeug

Title (fr)  
Moteur et Véhicule à califourchon

Publication  
**EP 3037633 A1 20160629 (EN)**

Application  
**EP 15190929 A 20151022**

Priority  
JP 2014260425 A 20141224

Abstract (en)  
An end surface at one end of a crankshaft faces a cover member. An axial flow path is formed inside of the crankshaft. The axial flow path has an end opening at the end surface of the crankshaft. A pin flow path is formed inside of a pin member. A cover flow path is formed inside of the cover member. Oil stored in an oil pan is led to an oil gallery. The oil from the oil gallery is led to the pin flow path. The oil from the pin flow path is led to the cover flow path. The oil from the cover flow path is led to the end opening of the crankshaft.

IPC 8 full level  
**F01M 1/06** (2006.01); **F01M 11/02** (2006.01)

CPC (source: EP)  
**F01M 1/06** (2013.01); **F01M 11/02** (2013.01)

Citation (applicant)  
JP 2009204001 A 20090910 - HONDA MOTOR CO LTD

Citation (search report)  
• [A] DE 102013217913 A1 20140403 - HONDA MOTOR CO LTD [JP]  
• [A] EP 2581566 A2 20130417 - SUZUKI MOTOR CORP [JP]  
• [A] DE 19546557 C1 19970220 - DAIMLER BENZ AG [DE]

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

DOCDB simple family (publication)  
**EP 3037633 A1 20160629; EP 3037633 B1 20170719; JP 2016121553 A 20160707**

DOCDB simple family (application)  
**EP 15190929 A 20151022; JP 2014260425 A 20141224**