

Title (en)  
Motorcycle

Title (de)  
Motorrad

Title (fr)  
Motocyclette

Publication  
**EP 2806121 A3 20150325 (EN)**

Application  
**EP 14165177 A 20140417**

Priority  
JP 2013108643 A 20130523

Abstract (en)  
[origin: EP2806121A2] A motorcycle includes a body frame, and an internal combustion engine having a crankshaft, a drive shaft, an upper crankcase disposed above the crankshaft and the drive shaft, a lower crankcase (60) disposed below the crankshaft and the drive shaft, and a cylinder body disposed above the upper crankcase and having a plurality of cylinders arranged transversely. The lower crankcase (60) has a left boss portion (130) and a right boss portion (134) respectively having holes (132), (136) for receiving a rod-shaped fastener extending transversely, and secured to the body frame by the fastener. The lower crankcase (60) includes an oil passage (160) through which oil to be supplied to the drive shaft flows, the oil passage (160) formed integrally with the lower crankcase (60).

IPC 8 full level  
**F01M 1/00** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)  
**F01M 1/00** (2013.01); **F01M 11/02** (2013.01); **F01M 2011/023** (2013.01); **F01M 2011/026** (2013.01)

Citation (search report)

- [Y] US 2007074698 A1 20070405 - TAWARADA YUICHI [JP], et al
- [Y] DE 102010005891 A1 20100805 - HONDA MOTOR CO LTD [JP]
- [Y] US 2011061627 A1 20110317 - TERADA KOJI [JP], et al
- [Y] CN 102162408 A 20110824 - HONDA MOTOR CO LTD

Cited by  
CN112832920A

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 2806121 A2 20141126; EP 2806121 A3 20150325; EP 2806121 B1 20170301**; JP 2014227925 A 20141208

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**EP 14165177 A 20140417**; JP 2013108643 A 20130523