

Title (en)  
ENGINE

Title (de)  
MOTOR

Title (fr)  
MOTEUR

Publication  
**EP 3495633 A1 20190612 (EN)**

Application  
**EP 18195382 A 20180919**

Priority  
JP 2017236721 A 20171211

Abstract (en)  
A coupling pin (51) includes a receiver portion (56) that receives an urging force applied by an urging member (52). The receiver portion (56) is located outside a first coupling hole (422). The urging member (52) is disposed between the receiver portion (56) and a first rocker arm (42). A cylinder head (4) includes a retainer portion (58) disposed downstream of the receiver portion (56) in a first direction (XI). The retainer portion (58) overlaps at least part of the coupling pin (51) as seen from an axis direction. The coupling pin (51) has a length (L1) greater than a distance (L2) between the first coupling hole (422) and the retainer portion (58) in the axis direction.

IPC 8 full level  
**F01L 13/00** (2006.01); **F01L 1/18** (2006.01)

CPC (source: EP)  
**F01L 1/181** (2013.01); **F01L 13/0005** (2013.01); **F01L 13/0036** (2013.01); **F01L 2001/186** (2013.01)

Citation (applicant)  
JP 2015090098 A 20150511 - YAMAHA MOTOR CO LTD

Citation (search report)

- [AD] EP 2876269 A2 20150527 - YAMAHA MOTOR CO LTD [JP]
- [A] US 2013255611 A1 20131003 - MORI HIDEMICHI [JP], et al
- [A] US 2017198610 A1 20170713 - HAEFNER DONALD [US]

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 3495633 A1 20190612**; **EP 3495633 B1 20200226**; JP 2019105174 A 20190627

DOCDB simple family (application)  
**EP 18195382 A 20180919**; JP 2017236721 A 20171211