

Title (en)
Engine

Title (de)
Motor

Title (fr)
Moteur

Publication
EP 2821602 A3 20151230 (EN)

Application
EP 13191025 A 20131031

Priority
JP 2013136582 A 20130628

Abstract (en)
[origin: EP2821602A2] An actuator (39) switches the position of a switching pin member (35) between a first position and a second position by pressurizing the switching pin member in the axial direction of a cam shaft (14). At least a portion of the switching pin member (35) overlaps with a head cover (7) when viewed from the axial direction of the cam shaft (14). The actuator (39) is arranged on the opposite side to a cam chain chamber (16) with regard to the cam shaft (14) in the axial direction of the cam shaft. The actuator (39) is arranged outside of an engine (1). The actuator (39) is positioned more to the head cover (7) side than an end section of a cylinder head (6).

IPC 8 full level
F01L 13/00 (2006.01); **F01L 1/053** (2006.01); **F01L 1/26** (2006.01); **F02B 75/16** (2006.01)

CPC (source: EP)
F01L 1/267 (2013.01); **F01L 13/0036** (2013.01); **F02B 75/16** (2013.01); **F01L 2001/0535** (2013.01)

Citation (search report)

- [XDY] JP 2012077741 A 20120419 - HONDA MOTOR CO LTD
- [Y] JP 2012036877 A 20120223 - HONDA MOTOR CO LTD
- [Y] JP H0510162 A 19930119 - HONDA MOTOR CO LTD
- [A] EP 2472075 A1 20120704 - YAMAHA MOTOR CO LTD [JP]
- [A] JP 2010156238 A 20100715 - HONDA MOTOR CO LTD

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)
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BR 102013027312 B1 20210928; CN 104251157 A 20141231; CN 104251157 B 20170412; CO 7240097 A1 20150417;
ES 2614236 T3 20170530; JP 2015010553 A 20150119; PH 12013000299 A1 20150121; PH 12013000299 B1 20150121;
TW 201500638 A 20150101; TW I596271 B 20170821

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ES 13191025 T 20131031; JP 2013136582 A 20130628; PH 12013000299 A 20131004; TW 102137371 A 20131016