

Title (en)
Engine

Title (de)
Motor

Title (fr)
Moteur

Publication
EP 2821601 A3 20151230 (EN)

Application
EP 13191020 A 20131031

Priority
JP 2013136583 A 20130628

Abstract (en)
[origin: EP2821601A2] A first rocker arm (36) is supported by a rocker shaft (33) and is provided to be able to operate a valve (24-27). A second rocker arm (37) is supported by the rocker shaft (33) and is arranged to line up with the first rocker arm (36) in the axial direction of a cam shaft (14). A switching pin member (35) is able to be moved in the axial direction of the cam shaft (14), and links the first rocker arm (36) and the second rocker arm (37) at a first position and swings together with the first rocker arm (36) and the second rocker arm (37). The switching pin member (35) is positioned on an end section side of the valve with regard to the rocker shaft when viewed from the axial direction of the cam shaft.

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)

- [XY] EP 2472075 A1 20120704 - YAMAHA MOTOR CO LTD [JP]
- [X] EP 1275834 A1 20030115 - HONDA MOTOR CO LTD [JP]
- [YD] JP 2012077741 A 20120419 - HONDA MOTOR CO LTD
- [Y] DE 4404683 C1 19950302 - DAIMLER BENZ AG [DE]
- [Y] DE 4227567 C1 19931111 - DAIMLER BENZ AG [DE]
- [Y] JP 2012036877 A 20120223 - HONDA MOTOR CO LTD
- [E] FR 2995023 A1 20140307 - HONDA MOTOR CO LTD [JP]

Cited by
EP2853700A1

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 2821601 A2 20150107; EP 2821601 A3 20151230; EP 2821601 B1 20170503; BR 102013027997 A2 20151013; BR 102013027997 B1 20211207; CN 104251146 A 20141231; CN 104251146 B 20170412; CO 7250119 A1 20150430; ES 2626379 T3 20170724; JP 2015010554 A 20150119; PH 12013000316 A1 20150427; PH 12013000316 B1 20150427; TW 201500637 A 20150101; TW I582302 B 20170511

DOCDB simple family (application)
EP 13191020 A 20131031; BR 102013027997 A 20131030; CN 201310529202 A 20131031; CO 13256720 A 20131029; ES 13191020 T 20131031; JP 2013136583 A 20130628; PH 12013000316 A 20131021; TW 102137372 A 20131016