Title (en)

Engine and vehicle

Title (de)

Motor und Fahrzeug

Title (fr)

Moteur et véhicule

Publication

EP 2031195 A3 20100414 (EN)

Application

EP 08252811 A 20080822

Priority

JP 2007226672 A 20070831

Abstract (en)

[origin: EP2031195A2] To provide a structure for determining a position of a rocker arm (412,413) that allows easy maintenance, an engine (100) has a cylinder head (113) in which a valve drive mechanism (400) is provided. The valve drive mechanism (400) includes rocker arm shafts (414,415) that are fitted to the cylinder head (113); rocker arms (412,413) that are fitted to the rocker arm shafts (414,415) so as to be moveable in the axial direction; and a head cover (114) (an upper arranging member) that is attached to the cylinder head (113). The head cover (114) is provided with guide members (731,732) that engage with the rocker arms (412,413), and guide the rocker arms (412,413) to determined positions on the rocker arm shafts (414,415) when the head cover (114) is attached to the cylinder head (113).

IPC 8 full level

F01L 1/18 (2006.01); **F01L 1/053** (2006.01); **F01L 1/20** (2006.01); **F01L 1/46** (2006.01)

CPC (source: EP)

F01L 1/053 (2013.01); **F01L 1/181** (2013.01); **F01L 1/205** (2013.01); **F01L 1/46** (2013.01); F01L 2800/17 (2013.01)

Citation (search report)

- [A] US 2005061274 A1 20050324 - NAKAHIRA YASUYUKI [JP]
- [A] US 4724805 A 19880216 - WIRTH RICK C [US], et al
- [A] US 4724804 A 19880216 - WIRTH RICK C [US]
- [A] JP S63124812 A 19880528 - FUJI HEAVY IND LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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EP 08252811 A 20080822; AT 08252811 T 20080822; CN 200810213955 A 20080901; ES 08252811 T 20080822; JP 2007226672 A 20070831; TW 97127255 A 20080718