

Title (en)
SADDLE TYPE VEHICLE

Title (de)
SATTELFahrzeug

Title (fr)
VEHICULE A SELLE

Publication
EP 2987973 B1 20180411 (EN)

Application
EP 15185073 A 20140226

Priority
• JP 2013061263 A 20130325
• JP 2013061265 A 20130325
• JP 2013061266 A 20130325
• EP 14156797 A 20140226

Abstract (en)
[origin: EP2784273A1] To provide a variable valve apparatus for an OHC type internal combustion engine which can keep a good maintenance performance of an ignition plug while miniaturization of a cylinder head is achieved by disposing a pressing force generation source at a position which is not far from the ignition plug and at which the pressing force generation source does not make an obstacle to a mounting and dismounting operation of the ignition plug. There is provided a variable valve apparatus for an OHC type internal combustion engine, in which a pressing force generation source (75) is attached to a wall face (100L) of a cylinder head (33) on which an ignition plug (49) is provided in a projecting manner. An accommodation case (77, 78) which accommodates a main body of the pressing force generation source (75) therein is provided at a position at which the accommodation case (77, 78) does not overlap with an ignition plug center axial line (Cs), which is directed by the ignition plug (49), as viewed in a cylinder axial line direction.

IPC 8 full level
F01L 13/00 (2006.01); **F01L 1/26** (2006.01); **F02B 67/04** (2006.01); **F02F 1/00** (2006.01)

CPC (source: EP)
F01L 1/267 (2013.01); **F01L 13/0005** (2013.01); **F02B 61/02** (2013.01); **F02B 67/06** (2013.01)

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

DOCDB simple family (publication)
EP 2784273 A1 20141001; **EP 2784273 B1 20151104**; EP 2987972 A1 20160224; EP 2987972 B1 20180919; EP 2987973 A1 20160224; EP 2987973 B1 20180411; ES 2553217 T3 20151207; ES 2666406 T3 20180504; ES 2688899 T3 20181107

DOCDB simple family (application)
EP 14156797 A 20140226; EP 15185047 A 20140226; EP 15185073 A 20140226; ES 14156797 T 20140226; ES 15185047 T 20140226; ES 15185073 T 20140226