Title (en)
    Valve system for engine

Title (de)
    Ventilanordnung in einer Brennkraftmaschine

Title (fr)
    Agencement de soupape dans un moteur à combustion interne

Publication
    EP 1207276 B1 20050601 (EN)

Application
    EP 01121947 A 20010912

Priority
    JP 2000349952 A 20001116

Abstract (en)
    [origin: EP1207276A2] The invention provides avalve system for an engine, in which a rocker arm interlocked with an engine valve is supported
    on a rocker shaft fixedly mounted to a cylinder head in such a manner as to be rockable according to the rotation of a cam shaft, characterized
    by realizing the reduction in size and weight of the engine. The posture of a rocker shaft (99) is set to have an axial line crossing an axial line of a
    crank shaft on the projection plane perpendicular to an axial line of a cylinder bore. A rocker arm(101)rockably supported by the rocker shaft(99)is
    provided with an input arm (101c) extending, on the above projection plane, from the rocker arm (101) to the cam shaft side, and a pull rod (105)
    reciprocating in the axial direction according to the rotation of the cam shaft is connected to the input arm (101c). <IMAGE>

IPC 1-7
    F01L 1/04; F01L 1/14; F01L 1/18; F01L 1/12; F01L 1/26

IPC 8 full level
    F01L 1/14 (2006.01); **F01L 1/18** (2006.01); **F01L 1/26** (2006.01); **F02B 75/24** (2006.01); **F02F 1/42** (2006.01); F02B 75/02 (2006.01);
    F02B 75/18 (2006.01); F02F 1/24 (2006.01)

CPC (source: EP)
    F01L 1/026 (2013.01); **F01L 1/14** (2013.01); **F01L 1/146** (2013.01); **F01L 1/18** (2013.01); **F01L 1/26** (2013.01); **F02B 75/243** (2013.01);
    F02F 1/4214 (2013.01); F02B 2075/027 (2013.01); F02B 2075/1816 (2013.01); F02B 2275/34 (2013.01); F02F 1/242 (2013.01);
    F02F 2001/245 (2013.01)

Cited by
    CN103161572A; FR2881972A1; WO2006014098A1

Designated contracting state (EPC)
    AT DE FR

DOCDB simple family (publication)
    EP 1207276 A2 20020522; **EP 1207276 A3 20030611**; **EP 1207276 B1 20050601**; AT E296943 T1 20050615; CA 2360101 A1 20020516;
    CA 2360101 C 20060117; DE 60111160 D1 20050707; DE 60111160 T2 20051020

DOCDB simple family (application)
    EP 01121947 A 20010912; AT 01121947 T 20010912; CA 2360101 A 20011024; DE 60111160 T 20010912