

Title (en)

A set of cylinder heads with desmodromic valve operation, for internal combustion engines

Title (de)

Ein Satz Zylinderköpfe mit desmodromischer Ventilbetätigung für Brennkraftmaschinen

Title (fr)

Assortiment de culasses avec un dispositif de commande des soupapes desmodromique, pour moteurs à combustion interne

Publication

EP 1277921 A1 20030122 (EN)

Application

EP 01830479 A 20010719

Priority

EP 01830479 A 20010719

Abstract (en)

In a set of heads (1) for the cylinders (3) of internal combustion engines with desmodromic valve operation, each head (1) comprises an assembly (4a) of one or two inlet valves (4), and an assembly (6a) of one or two exhaust valves (6), so as to form heads with two, three and four valves. The assembly (4a) of inlet valves is positioned at an angle to the assembly (6a) of exhaust valves. The two assemblies (4a, 6a) are actuated through respective rockers (11a, 11b, 12a, 12b) by a single camshaft (8) located substantially along the line running centrally between the two assemblies (4a, 6a). The inlet duct (5) and the exhaust duct (7) are located in the same position within the head (1) and have the same connections to the induction and exhaust systems in all the two-, three- and four-valve versions. <IMAGE>

IPC 1-7

F01L 1/30

IPC 8 full level

F02B 75/22 (2006.01); **F01L 1/12** (2006.01); **F01L 1/18** (2006.01); **F01L 1/26** (2006.01); **F01L 1/30** (2006.01); **F02B 75/18** (2006.01); **F02F 1/24** (2006.01); **F02F 1/32** (2006.01); **F02F 1/36** (2006.01); **F02F 1/42** (2006.01)

CPC (source: EP US)

F01L 1/26 (2013.01 - EP US); **F01L 1/30** (2013.01 - EP US); **F02F 1/4264** (2013.01 - EP US); **F02F 1/4285** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1277921 A1 20030122; **EP 1277921 B1 20040707**; AT E270749 T1 20040715; DE 60104193 D1 20040812; DE 60104193 T2 20050721; JP 2003074410 A 20030312; US 2003019467 A1 20030130

DOCDB simple family (application)

EP 01830479 A 20010719; AT 01830479 T 20010719; DE 60104193 T 20010719; JP 2002208778 A 20020717; US 19336402 A 20020711