

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 B1 20040707 (EN)**

Application

**EP 01830479 A 20010719**

Priority

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Abstract (en)

[origin: EP1277921A1] 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

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CPC (source: EP US)

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