

Title (en)
VALVE TIMING GEAR FOR AN INTERNAL-COMBUSTION ENGINE

Publication
EP 0155261 B1 19890614 (DE)

Application
EP 85890059 A 19850312

Priority
AT 84384 A 19840314

Abstract (en)
[origin: US4635592A] In an internal combustion engine with a cylinder (1), the cylinder head (2) has four valves (3, 4) inclined towards each other and arranged to be radially aligned with respect to the combustion chamber, pairs of the valves being operable by a common camshaft (6) by means of conical cams (7). To make it possible to use such a valve control for high rotational speeds, too, bucket type tappets (8) are displaceably mounted between the radially aligned valves (3, 4) and the conical cams (7) in the cylinder head (2).

IPC 1-7
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IPC 8 full level
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CPC (source: EP US)
F01L 1/205 (2013.01 - EP US); **F01L 1/24** (2013.01 - EP US); **F01L 1/262** (2013.01 - EP US); **F01L 13/0042** (2013.01 - EP US); **F01L 1/0532** (2013.01 - EP US); **F01L 1/08** (2013.01 - EP US); **F01L 2003/256** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US); **F02B 2275/18** (2013.01 - EP US); **F02F 1/4214** (2013.01 - EP US); **F02F 2001/246** (2013.01 - EP US)

Cited by
EP0235121A1; DE3818636A1; AT400971B; DE3838305A1; FR2668797A1; EP0197914A1; WO9905404A1; WO2009056237A1

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