

Title (en)

TWO-CYLINDER FOUR-STROKE BOXER ENGINE, PARTICULARLY FOR A MOTOR CYCLE, COOLED BY THE ONCOMING AIR FLUX

Publication

EP 0068336 B1 19850206 (DE)

Application

EP 82105324 A 19820618

Priority

DE 3125077 A 19810626

Abstract (en)

[origin: WO8300188A1] The engine (1) comprises, for each cylinder (32), a camshaft (14) arranged horizontally in the upper portion of the cylinder heads (33) for driving the valves (37, 38) arranged according to a standing V. The camshafts (14) are driven each by an intermediary shaft (4) controlled from the crankshaft (3) in a ratio 1:2, arranged in parallel below the crankshaft (3), driven by its front end - when looking in the running direction - , carrying the rotor (12') of a lubricating oil pump (12) and provided at its rear end with two gears 1:1 (13) for the camshafts (14), which pass through a tunnel (36) through the cylinders (32) and the cylinder heads (33). The camshafts (14) are located in the V-chamber of the valves (37, 38) and control the latter by means of rockers (39). The suction connection pipes (28') and the exhaust gas conduits (53) are connected vertically respectively to the top or the bottom of the cylinder heads (33).

IPC 1-7

F02B 75/24; **F01L 1/12**; **G01L 1/26**; **F02B 61/02**

IPC 8 full level

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CPC (source: EP US)

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