

Title (en)

A valve control system for a variable-timing internal combustion engine, particularly for an engine with several valves per cylinder

Title (de)

Variable Ventilsteuervorrichtung für eine Brennkraftmaschine, insbesondere eine Brennkraftmaschine mit mehreren Ventilen je Zylinder

Title (fr)

Système de commande de soupape pour moteur à combustion interne à calage variable, en particulier pour moteur à plusieurs soupapes par cylindre

Publication

EP 0570963 B1 19970305 (EN)

Application

EP 93108213 A 19930519

Priority

IT TO920440 A 19920522

Abstract (en)

[origin: EP0570963A1] A control system (1) for valves (2) for a variable-timing internal combustion engine, particularly for an engine with several valves (2) per cylinder (6), of the type in which a camshaft (3) carries at least one cam (4) having a profile which varies along the axis of the shaft, and a control device (5) interposed between the cam (4) and at least one duty valve (2) of a cylinder (6); the control device (5) is constituted by a cam follower (14) cooperating with a peripheral surface (15) of the cam (4) and a substantially T-shaped rocker (18) which includes a central portion (21) having a support saddle (16) for the cam follower (14) on its upper surface and beneath it a seat (22) for fixing to a fulcrum (25) for the rocker (18) carried by a head (11) of the engine, and a pair of side arms (31) which bear against the stems (34) of respective homologous valves (2) of the cylinder (6). <IMAGE> <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

US5535710A; DE102006047293A1; EP0867601A1; US5988128A; US6067947A; WO2008068117A1; EP0615057B1

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