

Title (en)
Variable valve timing mechanism

Title (de)
Variable Ventilsteuervorrichtung

Title (fr)
Commande de soupape à calage variable

Publication
EP 0908604 B1 20020515 (EN)

Application
EP 98118846 A 19981006

Priority
JP 27416197 A 19971007

Abstract (en)
[origin: EP0908604A1] A number of embodiments of variable valve actuating systems wherein the valve is operated selectively by either first or second rocker arms both of which are supported for pivotal movement on the same rocker arm shaft but which are operated by different cams and have different lifts. Only one of the rocker arms directly operates the valve. The lift is changed by selectively coupling the rocker arms for simultaneous operation. A number of variations in locations and valve actuation are disclosed as well as a variable induction system that cooperates with the variable valve actuation to improve the engine performance over a wider range of speeds and loads. The coupling between the rocker arms includes a replaceable adjusting shim (201). <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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