

Title (en)

Valve drive in an internal combustion engine

Title (de)

Ventiltrieb für eine Brennkraftmaschine

Title (fr)

Commande de soupape pour moteur à combustion interne

Publication

**EP 1234957 B1 20040331 (DE)**

Application

**EP 02002529 A 20020204**

Priority

AT 2682001 A 20010221

Abstract (en)

[origin: EP1234957A2] The method and apparatus are for continuously controlling a quantity of air drawn into an internal combustion engine by varying operating characteristics of an intake valve. A control unit uses a valve lift included in a range wherein the quantity of air is determined only by a valve lift and a working angle of the intake valve in a very low load operating range containing during idling. In contrast, in operating ranges, except the very low load operating range, the control unit uses a valve lift included in a range wherein the quantity of air is determined by the valve lift and the working angle of the intake valve, and a phase of a central angle of the working angle of the intake valve.

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IPC 8 full level

**F01L 9/11** (2021.01); **F01L 1/24** (2006.01)

CPC (source: EP)

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