

Title (en)

Valve driven internal combustion engine with compression variation arrangement

Title (de)

Ventilgesteuerte Brennkraftmaschine mit einer Verstelleinrichtung zur Verdichtungsänderung

Title (fr)

Moteur à combustion interne commandé par soupapes et comprenant un mécanisme de variation de la compression

Publication

**EP 0837226 B1 20020206 (DE)**

Application

**EP 97116224 A 19970918**

Priority

DE 19642469 A 19961015

Abstract (en)

[origin: EP0837226A1] The internal combustion engine has a setting device (2) comprising a controlled sleeve (8) able to move in a cylinder head (7). It also has a through-hole (10) in the sleeve jacket (9) via which a sector (11') of the gas exchange channel (11) in the cylinder head is connected to another sector (11'') formed by the shell on the combustion chamber side. The end of the channel is controlled by a lift valve (13) which is in drive connection with a lift operating device in the sleeve acting as an actuator (14). The sleeve can be moved independently of the actuator.

IPC 1-7

**F01L 3/08**; **F02D 15/04**

IPC 8 full level

**F01L 3/08** (2006.01); **F02D 15/04** (2006.01)

CPC (source: EP)

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Cited by

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