

Title (en)

Valve drive for an internal combustion engine

Title (de)

Ventilsteuerungseinrichtung in einer Brennkraftmaschine

Title (fr)

Dispositif de commande de soupape pour moteur à combustion interne

Publication

EP 1288450 B1 20060208 (FR)

Application

EP 02292012 A 20020809

Priority

FR 0111239 A 20010830

Abstract (en)

[origin: EP1288450A1] The valve control for an internal combustion engine has an electromagnet (28) controlling the movement of an actuator rod (34) fixed to the valve. The drive is set to leave a play between the rod and valve when the latter is closed. A closure current is fed to the solenoid to exert a bias force on the valve after the commencement of the opening signal of the valve.

IPC 8 full level

F01L 9/20 (2021.01)

CPC (source: EP)

F01L 9/20 (2021.01)

Citation (examination)

- US 5711259 A 19980127 - PISCHINGER FRANZ [DE], et al
- EP 1241324 A1 20020918 - BAYERISCHE MOTOREN WERKE AG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1288450 A1 20030305; EP 1288450 B1 20060208; AT E317493 T1 20060215; DE 60209098 D1 20060420; DE 60209098 T2 20070712; FR 2829177 A1 20030307; FR 2829177 B1 20051202

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