

Title (en)

Valve command device and internal combustion engine equipped with this device

Title (de)

Ventilbetätigungsgerät und ein mit diesem Gerät ausgerüsteter Verbrennungsmotor

Title (fr)

Dispositif de commande d'une soupape et moteur à combustion interne muni de ce dispositif

Publication

EP 1072762 B1 20050323 (FR)

Application

EP 00402105 A 20000721

Priority

FR 9909810 A 19990728

Abstract (en)

[origin: EP1072762A2] The valve (12) position is controlled by a rocker arm (18), mounted to oscillate on an axis (F1), and driven by rotation of a control cam (22) and is fitted with the means to adjust the lift of the valve. Adjustment is achieved by an adjustment arm (28), which pivots on mobile axis (M1) on the second branch (18B) of the rocker arm. It carries the cam follower roller (30), on mobile axis (R1). A second roller (32), mounted on mobile axis (R2), is carried by the adjustment arm and follows the adjustment cam (34), which is mounted so as to be displaced relative to the fixed base (14).

IPC 1-7

F01L 13/00

IPC 8 full level

F01L 13/00 (2006.01)

CPC (source: EP)

F01L 13/0021 (2013.01); **F01L 13/0063** (2013.01); **F01L 2013/0068** (2013.01)

Cited by

GB2395229A; DE10206465A1; US7628128B2; EP1811138A3; CN100410498C; DE102005012844B4; EP4083394A4; CN100406689C; US7467609B2; GB2384271A; GB2384271B; US7117831B2; US7159550B2; US7124721B2; US7891327B2; WO2005090758A1; WO03040526A1

Designated contracting state (EPC)

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EP 1072762 A2 20010131; **EP 1072762 A3 20011024**; **EP 1072762 B1 20050323**; AT E291680 T1 20050415; DE 60018856 D1 20050428; DE 60018856 T2 20060330; FR 2796982 A1 20010202; FR 2796982 B1 20011026

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