

Title (en)

Improved valve command device and internal combustion engine equipped with this device

Title (de)

Perfektioniertes Ventilbetätigungsgerät und ein mit diesem Gerät ausgerüsteter Verbrennungsmotor

Title (fr)

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

Publication

EP 1072761 B1 20050316 (FR)

Application

EP 00402104 A 20000721

Priority

FR 9909811 A 19990728

Abstract (en)

[origin: EP1072761A2] 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 on fixed axis (F3).

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 2305/00** (2020.05)

Cited by

EP1205643A1; CN100410498C; CN100406689C; FR2882781A1; EP1357266A1; FR2839112A1; US7159550B2; WO2005090758A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1072761 A2 20010131; **EP 1072761 A3 20020116**; **EP 1072761 B1 20050316**; AT E291151 T1 20050415; DE 60018650 D1 20050421; DE 60018650 T2 20060504; FR 2796983 A1 20010202; FR 2796983 B1 20011026

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EP 00402104 A 20000721; AT 00402104 T 20000721; DE 60018650 T 20000721; FR 9909811 A 19990728