

Title (en)

Valve driving arrangement for vehicle engine

Title (de)

Ventilsteuerungseinrichtung für Fahrzeugmotor

Title (fr)

Dispositif de commande d'une soupape de moteur de véhicule automobile

Publication

EP 0849437 B1 20020130 (FR)

Application

EP 97402836 A 19971125

Priority

FR 9615783 A 19961220

Abstract (en)

[origin: EP0849437A1] The mechanism consists of a camshaft (18) which actuated the valve stem (20) by means of a cam (24) and a rocker (22) containing a roller (28). The first end (22A) of the rocker oscillates about a thrust member (26) mounted on a supporting surface (16) of the engine. The height of the thrust member can be adjusted by a sliding rotary plate (36) with two curved slots (48,50), one for a fixing bolt (58) and the other for the thrust member. The thrust member interacts via a collar with a sloping surface on the plate when it is rotated, raising or lowering it as required. The plate is then locked in position by the bolt.

IPC 1-7

F01L 1/20

IPC 8 full level

F01L 1/20 (2006.01)

CPC (source: EP)

F01L 1/20 (2013.01)

Cited by

CN113891987A; US11313255B2; WO2020178582A1

Designated contracting state (EPC)

CH DE ES GB IT LI PT SE

DOCDB simple family (publication)

EP 0849437 A1 19980624; EP 0849437 B1 20020130; DE 69710170 D1 20020314; DE 69710170 T2 20021128; FR 2757564 A1 19980626; FR 2757564 B1 19990326; SG 79954 A1 20010417

DOCDB simple family (application)

EP 97402836 A 19971125; DE 69710170 T 19971125; FR 9615783 A 19961220; SG 1997004399 A 19971210