

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