

Title (en)

Valve drive for a lift valve.

Title (de)

Ventilantrieb für ein Hubventil.

Title (fr)

Entraînement de soupape pour une soupape à levée.

Publication

EP 0331901 B1 19931118 (DE)

Application

EP 89101791 A 19890202

Priority

DE 3803442 A 19880205

Abstract (en)

[origin: EP0331901A2] In order to overcome valve play, a rocker arm (2) is supported on a rotationally fixed pivoting shaft (3) with the force-fitting intermediate connection of an eccentric disc (9) and a bush (14) which holds a radial stop (16) on the rotationally fixedly supported pivoting shaft (3) in a cut-out (15) with limited play, the eccentric disc (9) being connected to the pivoting shaft (3) via the spring (11) which acts in the circumferential direction. The eccentricity (e) of the eccentric disc (9) is selected such that, after contact between one of the edges (18) of the cut-out (15) and the stop (16) while the valve is being lifted in operation, a reduction in the transmission ratio of the rocker arm (2) occurs and, in contrast, once the valve has returned to its closed position and after the cessation of the transmission forces, pivoting of the eccentric disc (9) is produced by means of the spring (11) until the valve play is overcome. <IMAGE>

IPC 1-7

F01L 1/22

IPC 8 full level

F01L 1/22 (2006.01)

CPC (source: EP)

F01L 1/22 (2013.01)

Cited by

DE10105807C1; CN111902614A; WO02063142A1; US6612278B2

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

EP 0331901 A2 19890913; EP 0331901 A3 19891018; EP 0331901 B1 19931118

DOCDB simple family (application)

EP 89101791 A 19890202