

Title (en)

ROLLER TAPPET WITH HYDRAULIC LASH ADJUSTER

Publication

EP 0468202 B1 19930526 (DE)

Application

EP 91110211 A 19910621

Priority

DE 4023886 A 19900727

Abstract (en)

[origin: EP0468202A1] The invention proposes a roller tappet for the actuation of gas exchange valves (1,1a,1b) of internal combustion engines, the said tappet being provided with a hydraulic valve-clearance compensation element (10,10a,10b). In order to minimise the installation space and keep down the overall height, the rollers (9,9a,9b), which interact with a cam (2), and the compensating element are arranged essentially adjacent to one another. In particular, it is provided that a single tappet (4) should actuate two adjacent gas exchange valves (1a,1b), it also being possible for two diametrically opposite rollers arranged on the outside of the tappet housing (5a,5b) to be provided. <IMAGE>

IPC 1-7

F01L 1/14; F01L 1/24

IPC 8 full level

F01L 1/14 (2006.01); **F01L 1/24** (2006.01); **F01L 1/25** (2006.01); **F01L 1/26** (2006.01); **F02F 1/24** (2006.01); **F02F 1/42** (2006.01)

CPC (source: EP)

F01L 1/143 (2013.01); **F01L 1/25** (2013.01); **F01L 1/26** (2013.01); **F01L 2305/00** (2020.05); **F01L 2307/00** (2020.05); **F02B 2275/18** (2013.01); **F02F 1/4214** (2013.01); **F02F 2001/247** (2013.01)

Cited by

EP0608925A1; US5361733A; US5398648A; EP0503145B1; EP3337960B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0468202 A1 19920129; EP 0468202 B1 19930526; DE 4023886 A1 19920130; DE 59100131 D1 19930701

DOCDB simple family (application)

EP 91110211 A 19910621; DE 4023886 A 19900727; DE 59100131 T 19910621