

Title (en)
HYDRAULIC LASH ADJUSTOR IN A VALVE OPERATING MECHANISM

Publication
EP 0100241 B1 19870506 (EN)

Application
EP 83304368 A 19830728

Priority
• JP 13337582 A 19820730
• JP 14810682 A 19820826

Abstract (en)
[origin: EP0100241A2] Disclosed is an improved hydraulic lash adjustor in a valve operating mechanism for automatically eliminating valve head clearance of the type including a cylinder (1), a plunger (2) slidably fitted into the cylinder (1), a hydraulic chamber (3) defined between both the cylinder (1) and the plunger (2), a hydraulic oil reservoir chamber (4) formed in the plunger (2) and a check valve (15) housed in a valve cage (12) disposed below the plunger (2) for controlling communication between the hydraulic chamber (3) and the hydraulic oil reservoir chamber (4) in dependence on operation of an engine, wherein the improvement consists in that the flange portion (12b) of the valve cage (12) is firmly held in place between the inner end surface of the plunger (2) and a holding member (30, 31, 32, 33, 34) fitted into an annular engagement groove (24, 25, 26, 27, 28) formed in the cylindrical portion (11) of the plunger (2). The holding member is preferably designed in the form of a caulking ring or a snap ring.

IPC 1-7
F01L 1/24

IPC 8 full level
F01L 1/18 (2006.01); **F01L 1/24** (2006.01)

CPC (source: EP)
F01L 1/185 (2013.01); **F01L 1/2405** (2013.01)

Cited by
GB2209574A; GB2209574B; DE19601045A1; GB2185549A; GB2185549B; WO9841741A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0100241 A2 19840208; EP 0100241 A3 19850206; EP 0100241 B1 19870506; DE 3371384 D1 19870611

DOCDB simple family (application)
EP 83304368 A 19830728; DE 3371384 T 19830728