

Title (en)
VALVE LASH ADJUSTER

Publication
EP 0197247 A3 19870422 (DE)

Application
EP 86100894 A 19860123

Priority
DE 3513161 A 19850412

Abstract (en)
[origin: US4656978A] An engine valve actuating mechanism includes a hollow reciprocating tappet, a tappet bottom arranged for engagement with a rotary cam of an engine cam shaft, a valve clearance adjusting device accommodated in the tappet and including a valve clearance adjusting element cooperating with the valve stem of the engine valve, a chamber within the tappet, filled with a hydraulic fluid, and an elastic diaphragm supported in the tappet and arranged for bounding and sealing the chamber. The diaphragm extends generally radially relative to the tappet axis between an inner circumferential wall surface of the tappet and the valve clearance adjusting element. The diaphragm has radially inner and radially outer circumferential zones. There are further provided first and second reinforcing elements supported in the tappet. The first reinforcing element is arranged for radially pressing the radially outer diaphragm zone against the inner tappet surface and the second reinforcing element is arranged for radially pressing the radially inner diaphragm zone against the valve clearance adjusting element.

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F01L 1/24

IPC 8 full level
F01L 1/24 (2006.01); **F01L 1/25** (2006.01)

CPC (source: EP US)
F01L 1/25 (2013.01 - EP US); **F01L 2309/00** (2020.05 - EP US)

Citation (search report)

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