

Title (en)
HYDRAULIC TAPPET

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Application
EP 90304249 A 19900420

Priority
IT 2021389 A 19890420

Abstract (en)
[origin: EP0395311A1] A hydraulic tappet to provide more rapid compensation for play between a cam and a valve stem, comprises a diagonal duct (46) by-passing a ball-valve (44) when the tappet has collapsed, eg. after a period of non-use, so that the inner oil reservoir (16) can communicate directly with the high pressure chamber (18). In one embodiment, provision is made for a diaphragm (38) having a bore (36) to be placed on top of the inner reservoir (16) to stop all the oil draining away from the inner reservoir. According to another embodiment, the latter is provided with horizontal ducts (54) in lieu of the diagonal duct (46) to ensure direct communication with a blow-by region or leakdown path (48).

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F01L 1/24

IPC 8 full level
F01L 1/25 (2006.01)

CPC (source: EP)
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Cited by
EP0857857A1; CN110645064A; DE19503699A1; US5595149A; DE4339453A1; DE4339453C2; EP0485007A1; US5119774A

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