

Title (en)
CLOSED HYDRAULIC TAPPET

Publication
EP 0287754 A3 19890419 (DE)

Application
EP 88101272 A 19880129

Priority
DE 3713680 A 19870424

Abstract (en)
[origin: US4815425A] A valve tappet assembly has a hollow tappet body, a valve clearance adjusting element spaced from the inner wall face of the tappet body and having a circumferential groove, an elastomer annular diaphragm having an outer edge zone adjoining the inner wall face of the tappet body and an inner edge zone adjoining the outer face of the valve clearance adjusting element, a first radially inwardly projecting circumferential rib provided at the inner edge zone and received in the circumferential groove; an outer and an inner clamping ring circumferentially pressing the outer edge zone against the inner wall face at the tappet and, respectively, the inner edge zone against the outer wall face of the valve clearance adjusting element to provide respective circumferential sealing zones; and a second radially inwardly projecting circumferential rib in the inner edge zone, situated adjacent the first rib and being pressed into circumferential engagement with the outer wall face of the valve clearance adjusting element adjacent the circumferential groove thereof.

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F01L 1/24

IPC 8 full level
F01L 1/14 (2006.01); **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)
• [A] EP 0197247 A2 19861015 - GOETZE AG [DE]
• [A] EP 0202598 A2 19861126 - STANADYNE INC [US]
• [AP] EP 0232482 A1 19870819 - GOETZE AG [DE]

Designated contracting state (EPC)
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DOCDB simple family (application)
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