

Title (en)  
LASH ADJUSTER WITH EMBEDDED WEAR FACE

Publication  
**EP 0140674 A3 19860528 (EN)**

Application  
**EP 84307313 A 19841024**

Priority  
US 54634783 A 19831028

Abstract (en)  
[origin: EP0140674A2] A bucket tappet (10) is provided for direct-acting valve gear having a molded body portion (46) formed of a lightweight material, preferably plastic, having a thermal expansion suitable for use in an aluminium engine head. The body of the tappet includes a tubular wall (48), an inner tubular hub (52), and a transverse end wall (50) joining and supporting the hub within the outer tubular wall. The body of the tappet has a cam face member (54) formed of hardened material, preferably steel or iron-based, embedded therein for providing a cam contacting surface (22). A hydraulic lash adjusting piston/plunger assembly (64) formed of steel is received within the tubular hub. Leakdown control surfaces (70) within the lash adjuster are formed on the mating interfaces between the steel piston (72) and plunger (66).

IPC 1-7  
**F01L 1/24**

IPC 8 full level  
**F01L 1/24** (2006.01); **F01L 1/25** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)  
**F01L 1/25** (2013.01); **F02F 7/0085** (2013.01); **F05C 2251/042** (2013.01); **F05C 2253/16** (2013.01)

Citation (search report)  
• [Y] EP 0030780 A1 19810624 - EATON CORP [US]  
• [Y] FR 2129420 A5 19721027 - CIGALA & BERTINETTI SAS  
• [A] DE 928744 C 19550610 - ROEBIG ADOLF

Cited by  
EP0555521A1; DE4340035B4; US5636604A; EP0212162A1; EP0257354A1; EP0272423A1; WO8605238A1; WO9513457A1

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