

Title (en)

Lash adjuster with embedded wear face.

Title (de)

Spelausgleichselement mit eingebetteter Verschleissfläche.

Title (fr)

Élément d'ajustage de jeu avec une surface d'usure noyée.

Publication

EP 0140674 A2 19850508 (EN)

Application

EP 84307313 A 19841024

Priority

US 54634783 A 19831028

Abstract (en)

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).

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F01L 1/24

IPC 8 full level

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CPC (source: EP)

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Cited by

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