

Title (en)

Low-mass, direct-acting hydraulic valve-lifter.

Title (de)

Direkt wirkender hydraulischer Ventilstößel mit geringer Masse.

Title (fr)

Poussoir hydraulique de soupape à action directe et de faible masse.

Publication

EP 0568157 B1 19950301 (EN)

Application

EP 93201203 A 19930427

Priority

US 87762392 A 19920501

Abstract (en)

[origin: EP0568157A1] A direct-acting hydraulic valve-lifter (10) features in a preferred embodiment a follower (15) assembled with a thin wall metal shell (18) and a light plastics baffle (19) to support a lash-adjusting hydraulic element assembly (16). An inlet riser chamber (38) has sufficient cross-section to minimize oil flow restriction in cold oil conditions. Dead space between the shell (18) and the baffle (19) is filled with a strong lightweight foam (20) to support and retain the baffle (19) and to displace oil for low mass. <IMAGE>

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F01L 1/24

IPC 8 full level

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