

Title (en)  
SELF-ADJUSTING HYDRAULIC VALVE TAPPET

Publication  
**EP 0272423 B1 19910410 (DE)**

Application  
**EP 87116363 A 19871106**

Priority  
DE 3639911 A 19861122

Abstract (en)  
[origin: US4787347A] A self-adjusting hydraulic valve tappet arranged in a guide bore of a cylinder head of an internal combustion engine and comprising a cup-shaped housing (1) formed by a hollow cylindrical wall (2) closed at one end by an end member (3) against the outside of which a cam abuts, a radial flange (4) provided in the bore of the hollow cylindrical wall (2) at a distance from the end member and guides for longitudinal movement of the hydraulic play compensating element (6) in a bore (5) concentric to the hollow cylindrical wall (2), characterized in that the radial flange (4) is a separate unit made of a material which has a higher thermal expansion coefficient than steel and the radial flange is inserted with its outer surface (7) in liquid-tight manner in the bore of the hollow cylindrical wall (2) and fixed therein.

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

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

CPC (source: EP US)  
**F01L 1/25** (2013.01 - EP US)

Citation (examination)  
• EP 0030781 A1 19810624 - EATON CORP [US]  
• EP 0179323 A1 19860430 - SCHAEFFLER WAEHLZLAGER KG [DE]  
• FR 2476740 A1 19810828 - MOTOMAK [DE]

Cited by  
EP0566526A1; EP0478967A1; EP0337242A1; EP0485007A1

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DOCDB simple family (publication)  
**EP 0272423 A1 19880629; EP 0272423 B1 19910410**; BR 8706265 A 19880628; DE 3639911 A1 19880601; DE 3769297 D1 19910516; ES 2021326 B3 19911101; JP H0451644 B2 19920819; JP S63131807 A 19880603; US 4787347 A 19881129

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