

Title (en)

Hydraulic lash adjuster

Title (de)

Hydraulisches Spielausgleichselement

Title (fr)

Dispositif hydraulique de rattrapage de jeu

Publication

EP 1267046 A1 20021218 (EN)

Application

EP 02254170 A 20020614

Priority

- EP 02254170 A 20020614
- EP 01830399 A 20010615

Abstract (en)

A hydraulic lash adjuster has a plunger assembly (26) the outer end of which can be moved inwardly until the inner end abuts a seal (34) and closes a high pressure chamber (28), thus preventing further inward movement. This accommodates any necessary movement of a valve towards its closing position to ensure proper closure. Consequently, net-shaped cams wherein the base circle is not necessarily accurately concentric may be used. A leaf spring ensures opening of the chamber when the base circle of the cam is next reached. <IMAGE>

IPC 1-7

F01L 1/24

IPC 8 full level

F01L 1/18 (2006.01); **F01L 1/24** (2006.01); **F01L 1/25** (2006.01)

CPC (source: EP)

F01L 1/18 (2013.01); **F01L 1/2405** (2013.01); **F01L 1/25** (2013.01); **F01L 2301/00** (2020.05); **F01L 2303/00** (2020.05)

Citation (search report)

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- [Y] US 5758613 A 19980602 - EDELMAYER THOMAS C [US], et al
- [Y] US 5622147 A 19970422 - EDELMAYER THOMAS C [US]

Cited by

EP2011974A1; EP1903190A3; US8201533B2; US8001941B2; WO2015197055A1; EP1903190A2; US8056524B2

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