

Title (en)

Hydraulic lash adjuster

Title (de)

Hydraulisches Spielausgleichselement

Title (fr)

Dispositif hydraulique de rattrapage de jeu

Publication

**EP 1647678 B1 20070321 (DE)**

Application

**EP 05020320 A 20050917**

Priority

- DE 102004050190 A 20041015
- US 61881004 P 20041014

Abstract (en)

[origin: EP1647678A1] The hydraulic play adjustment element (1) has a cylindrical housing (2) with an axially movable piston (3). The high-pressure area (6), which is responsible for the hydraulic play, lies between front sides (4,5) of the piston and the housing. Height (H-f) of the Chamfer (16) provided between the front face (4) and passage area of the outer casing (10) is greater/equal to height (H r) of ring extension.

IPC 8 full level

**F01L 1/24** (2006.01)

CPC (source: EP)

**F01L 1/2405** (2013.01); **F01L 2305/00** (2020.05)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1647678 A1 20060419; EP 1647678 B1 20070321**; DE 502005000494 D1 20070503

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