

Title (en)

Hydraulic valve lash adjuster

Title (de)

Hydraulisches Ventilspielausgleichselement

Title (fr)

Dispositif hydraulique de rattrapage de jeu de soupape

Publication

EP 1701007 A1 20060913 (DE)

Application

EP 06003003 A 20060215

Priority

DE 102005010711 A 20050309

Abstract (en)

The hydraulic valve-play compensation element has guiding surface (32) in the area of axial drilling (23) for the closing body (27) which enables volume flow of the hydraulic means between high-pressure chamber and low-pressure chamber (22).

IPC 8 full level

F01L 1/245 (2006.01); **F01L 1/24** (2006.01); **F01L 1/255** (2006.01); **F16K 15/04** (2006.01)

CPC (source: EP US)

F01L 1/24 (2013.01 - EP US); **F01L 1/245** (2013.01 - EP US); **F01L 1/255** (2013.01 - EP US); **F01L 2001/2438** (2013.01 - EP US)

Citation (applicant)

- EP 1298287 A2 20030402 - EATON CORP [US]
- JP S61185607 A 19860819 - SUZUKI MOTOR CO
- US 4054109 A 19771018 - HERRIN RONALD J, et al

Citation (search report)

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- [DY] EP 1298287 A2 20030402 - EATON CORP [US]
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- [Y] US 4365648 A 19821228 - GROTHE WOLFGANG
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- [Y] CH 197057 A 19380415 - PHILIPP ERNST [CH]
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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1701007 A1 20060913; **EP 1701007 B1 20080416**; DE 102005010711 A1 20060914; DE 502006000617 D1 20080529; US 2006201466 A1 20060914; US 7328676 B2 20080212

DOCDB simple family (application)

EP 06003003 A 20060215; DE 102005010711 A 20050309; DE 502006000617 T 20060215; US 37063306 A 20060308