

Title (en)
HYDRAULIC CLEARANCE COMPENSATION ELEMENT

Publication
EP 0340461 B1 19910807 (DE)

Application
EP 89105849 A 19890404

Priority
DE 3814700 A 19880430

Abstract (en)
[origin: US4876994A] A hydraulic play compensation element for the drive of a valve of an internal combustion engine with a housing in which a hollow piston is mounted such as to be acted upon, via a non-return valve, by oil pressure, the hollow piston being surrounded by an oil reservoir which communicates via an oil passage with the inner space of the hollow piston and in which a sleeve is inserted which with a part of its wall forms an oil transfer channel between an oil inlet in the housing and an upper region of the reservoir.

IPC 1-7
F01L 1/24

IPC 8 full level
F01L 1/14 (2006.01); **F01L 1/24** (2006.01); **F01L 1/245** (2006.01)

CPC (source: EP US)
F01L 1/245 (2013.01 - EP US); **F01L 2307/00** (2020.05 - EP US)

Cited by
EP0468202A1; EP0468201A1; WO9305277A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0340461 A1 19891108; EP 0340461 B1 19910807; DE 3814700 A1 19891109; DE 58900201 D1 19910912; JP H01313606 A 19891219; JP H0641724 B2 19940601; US 4876994 A 19891031

DOCDB simple family (application)
EP 89105849 A 19890404; DE 3814700 A 19880430; DE 58900201 T 19890404; JP 10790789 A 19890428; US 33795289 A 19890414