

Title (en)  
HYDRAULIC LASH ADJUSTER

Publication  
**EP 0324085 B1 19920226 (DE)**

Application  
**EP 88119539 A 19881124**

Priority  
DE 3800945 A 19880115

Abstract (en)  
[origin: US4881499A] A hydraulic play compensating element adapted to be positioned in the valve train of an internal-combustion engine is described which comprises a cylinder part closes at one end and a piston part slidable longitudinally in the latter. The piston part contains a supply chamber which is pressurized by lubricating oil from the lubricating oil circuit and which is separated from a pressure chamber by a connecting duct controlled by a valve. In order to switch off the play compensating function of the play compensating element during engine braking service, a shut-off valve is provided in the supply chamber for closing or opening the connecting duct as a function of the lubricating oil pressure in the supply chamber.

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

IPC 8 full level  
**F01L 1/24** (2006.01); **F01L 1/245** (2006.01); **F01L 13/06** (2006.01); **F02D 13/02** (2006.01)

CPC (source: EP US)  
**F01L 1/245** (2013.01 - EP US)

Cited by  
DE19818893A1; WO9956007A1; US6318325B1

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
**US 4881499 A 19891121**; AT E72879 T1 19920315; DE 3800945 C1 19890216; DE 3868615 D1 19920402; EP 0324085 A1 19890719; EP 0324085 B1 19920226; ES 2030827 T3 19921116; JP H01216008 A 19890830

DOCDB simple family (application)  
**US 29659989 A 19890113**; AT 88119539 T 19881124; DE 3800945 A 19880115; DE 3868615 T 19881124; EP 88119539 A 19881124; ES 88119539 T 19881124; JP 82889 A 19890105