

Title (en)  
HYDRAULIC LASH ADJUSTER

Title (de)  
HYDRAULIKSPIELAUSGLEICHSELEMENT

Title (fr)  
RÉGULATEUR HYDRAULIQUE DE JEU

Publication  
**EP 3147469 B1 20180815 (EN)**

Application  
**EP 16187707 A 20160907**

Priority  
GB 201516952 A 20150925

Abstract (en)  
[origin: EP3147469A1] A hydraulic lash adjuster (HLA) and an arrangement for a valve train assembly comprising an HLA are presented. A valve train component comprises a first body that defines a first bore. The HLA comprises a second body that defines a second bore and a plunger. In use, a first end of the plunger is mounted within the first bore, and a second end of the plunger is mounted within the second bore for reciprocal sliding movement with respect to the second body. The second body and the plunger define a first chamber for containing a hydraulic fluid and the plunger defines a second chamber for supplying hydraulic fluid to the first chamber through a valve located between the first and second chambers in response to movement of the plunger increasing the volume of the first chamber. In use, all of the second body is located outside of the first body.

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

CPC (source: EP GB)  
**F01L 1/24** (2013.01 - EP); **F01L 1/2411** (2013.01 - EP GB); **F01L 1/245** (2013.01 - GB); **F01L 2001/2433** (2013.01 - GB)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3147469 A1 20170329; EP 3147469 B1 20180815**; GB 201516952 D0 20151111; GB 2542600 A 20170329

DOCDB simple family (application)  
**EP 16187707 A 20160907**; GB 201516952 A 20150925