

Title (en)  
VALVE ACTUATION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

Title (de)  
VENTILBETÄTIGUNGSSYSTEM FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)  
SYSTÈME D'ACTIONNEMENT DE SOUPAPE D'UN MOTEUR À COMBUSTION INTERNE

Publication  
**EP 3061927 B1 20171213 (EN)**

Application  
**EP 16157171 A 20160224**

Priority  
IT TO20150128 A 20150224

Abstract (en)  
[origin: EP3061927A1] Valve actuation system of an internal combustion engine comprising at least one rocker arm (RA) hinged on a rocker arm shaft (BS) and having a first end (RA') facing at least one valve (V) to be actuated and a second end (RA'') adapted to interact with a first actuation cam (CM1), the system comprising a first additional arm (AA) - a having a medial part (AAM) hinged in said first end (RA') of the rocker arm (RA), a first end (AA') adapted to directly contact said at least one valve (V), a second end (AA'') opposite to said first end (AA'), in which a hydraulic lash adjuster (HLA) is interposed between said rocker arm (RA) and said second end (AA').

IPC 8 full level  
**F01L 1/24** (2006.01); **F01L 1/18** (2006.01); **F01L 13/06** (2006.01)

CPC (source: EP)  
**F01L 1/18** (2013.01); **F01L 1/24** (2013.01); **F01L 1/2416** (2013.01); **F01L 13/06** (2013.01); **F01L 2001/186** (2013.01); **F01L 2800/10** (2013.01)

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 3061927 A1 20160831; EP 3061927 B1 20171213**; ES 2661164 T3 20180327

DOCDB simple family (application)  
**EP 16157171 A 20160224**; ES 16157171 T 20160224