

Title (en)

System for continuously varying the lift and the phase of the valves in an internal combustion engine

Title (de)

System zur durchgehenden Änderung der Anhebung und der Phase von Ventilen in einem Verbrennungsmotor

Title (fr)

Système de variation continue du levage et de la phase des soupapes dans un moteur à combustion interne

Publication

**EP 1985816 A1 20081029 (EN)**

Application

**EP 08152053 A 20080228**

Priority

IT MI20070443 A 20070305

Abstract (en)

The invention describes a system for continuously varying the lift and the phase of the valves in an internal combustion engine of the type comprising at least one camshaft (22) provided with at least one pair of cams (26), at least one intake valve (10) and at least one discharge valve (12) each commanded by a rocker arm (14) provided with a roller (16). Each rocker arm (14) is commanded by the respective cam (26) of the camshaft (22) through the interposition of at least one intermediate rocker arm (24). In this way, the system is able to simultaneously and completely mechanically vary both the lift and the phase of the valves of an internal combustion engine.

IPC 8 full level

**F01L 13/00** (2006.01)

CPC (source: EP)

**F01L 13/0021** (2013.01); **F01L 13/0026** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1985816 A1 20081029**; CN 101260818 A 20080910; IT MI20070443 A1 20080906; TW 200905062 A 20090201

DOCDB simple family (application)

**EP 08152053 A 20080228**; CN 200810083455 A 20080305; IT MI20070443 A 20070305; TW 97107263 A 20080303