

Title (en)

Valve gear assembly for an internal combustion engine

Title (de)

Ventilgetriebeanordnung für einen Verbrennungsmotor

Title (fr)

Ensemble de soupape d'échappement pour moteur à combustion interne

Publication

**EP 2184453 A1 20100512 (EN)**

Application

**EP 08168367 A 20081105**

Priority

EP 08168367 A 20081105

Abstract (en)

A valve gear system for an internal combustion engine comprises at least one valve (12) per engine cylinder; a camshaft (11) with at least one cam (10) for actuating a respective valve (12); and a stroke modifying device (16) interposed between said cam and the associated valve. The stroke modifying device (16) comprises: an actuating element (22) slideably guided in an actuating direction (24) and adapted for transmitting an actuating force from said cam (10) to said valve (12), said actuating element (22) having a variable length in said actuating direction; and a control mechanism associated with said actuating element to adjust its length.

IPC 8 full level

**F01L 13/00** (2006.01)

CPC (source: EP)

**F01L 1/143** (2013.01); **F01L 13/0031** (2013.01); **F01L 2820/032** (2013.01)

Citation (applicant)

- US 2003037739 A1 20030227 - WURMS RAINER [DE], et al
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Citation (search report)

- [XA] FR 326921 A 19030609 - JOHNSTON JOHN HOWARD [FR]
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- [X] DE 20122600 U1 20060720 - AVL LIST GMBH [AT]
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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)

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