

Title (en)

VARIABLE VALVE ACTUATION APPARATUS FOR INTERNAL COMBUSTION ENGINE

Title (de)

VARIABLE VENTILBETÄTIGUNGSVORRICHTUNG FÜR BRENNKRAFTMOTOR

Title (fr)

APPAREIL D'ACTIONNEMENT À PROGRAMME VARIABLE POUR MOTEUR À COMBUSTION INTERNE

Publication

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Application

EP 10725857 A 20100526

Priority

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- JP 2009129481 A 20090528

Abstract (en)

[origin: WO2010136875A1] A variable valve actuation apparatus for an internal combustion engine includes a first link arm which has a projected portion that is engageable with and disengageable from a guide rail, and which is displaceable in the axis direction of a camshaft, and a link shaft linked to the first link arm in such a manner as to allow rotation but constrain movement in the axis direction. When an electromagnetic solenoid is electrified, the first link arm rotates about the link shaft so that the projected portion engages with the guide rail. In association with the displacement of the link arms that occurs during the engagement, the state of motion of second rocker arms changes, so that the opening characteristic of valves provided for each cylinder is switched.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2010136875A1

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