

Title (en)

INTERNAL COMBUSTION ENGINE VALVE DRIVE DEVICE FOR A MOTOR VEHICLE

Title (de)

BRENNKRAFTMASCHINENVENTILTRIEBVORRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

DISPOSITIF DE COMMANDE DES SOUPAPES D'UN MOTEUR À COMBUSTION INTERNE POUR UN VÉHICULE

Publication

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Application

EP 11805414 A 20111214

Priority

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Abstract (en)

[origin: WO2012171545A1] The invention relates to an internal combustion engine valve device for a motor vehicle, having at least one switching slotted guide (10a; 10b) which is provided for converting a rotational movement (11a; 11b) of at least one cam element (12a, 13a; 12b, 13b) into an axial movement (14a; 14b) of the at least one cam element (12a, 13a; 12b, 13b) for the purpose of lift switching, having at least one first actuator (15a; 15b) which is provided for axially displacing a first cam element (12a; 12b) in a switching direction (16a; 16b) by means of an operative connection to the switching slotted guide (10a; 10b), having a second actuator (17a; 17b) which is provided for axially displacing a second cam element (13a; 13b) in the same switching direction (16a; 16b) by means of an operative connection to the switching slotted guide (10a; 10b), and having a control and/or regulating unit (18a; 18b). It is proposed that the control and/or regulating unit (18a; 18b) is provided for activating and/or monitoring the at least two actuators (15a, 17a; 15b, 17b) simultaneously for the purpose of axially displacing the at least two cam elements (12a, 13a; 12b, 13b) in the same switching direction (16a; 16b).

IPC 8 full level

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