

Title (en)

DEVICE FOR A VALVE TRAIN FOR CHANGING THE LIFT OF GAS EXCHANGE VALVES OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG FÜR EINEN VENTILTRIEB ZUM UMSCHALTEN DES HUBS VON GASWECHSELVENTILEN EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF POUR UN MÉCANISME DE DISTRIBUTION, DESTINÉ À INVERSER LA COURSE DE SOUPAPES D'ÉCHANGE DES GAZ D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 2859199 B1 20160824 (DE)

Application

EP 13725898 A 20130426

Priority

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Abstract (en)

[origin: WO2013159765A1] The invention relates to a device for a valve train for changing the lift of gas exchange valves of an internal combustion engine, having a camshaft rotatably mounted in a housing, which camshaft consists of an arrangement of, in succession coaxially from the inside to the outside, at least one push rod, at least one carrier shaft and at least one cam unit provided with at least two different cams and at least one thrust pin, and the cam shaft is surrounded at least partially by at least one shift gate mounted non-rotatably and axially movably in the housing. At least one change-over pin and at least one support pin are immovably connected to the push rod, wherein the change-over pin and the support pin extend in openings at least right through the carrier shaft and the change-over pin can be brought into operative contact with at least one switching contour on the shift gate and the support pin can be brought into operative contact with at least one support contour on the shift gate

IPC 8 full level

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DOCDB simple family (application)

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