

Title (en)

DEVICE FOR VARIABLY ADJUSTING THE CONTROL TIMES OF GAS EXCHANGE VALVES OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUR VARIABLEN EINSTELLUNG DER STEUERZEITEN VON GASWECHSELVENTILEN EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF DE RÉGLAGE VARIABLE DES TEMPS D'OUVERTURE ET DE FERMETURE DE SOUPAPES D'ÉCHANGE DES GAZ D'UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2011104054A2] The invention relates to a device (11) for variably adjusting the control times of gas exchange valves (9, 10) of an internal combustion engine (1), comprising a drive element (13) that can be brought into driving connection with a crankshaft (2) of the internal combustion engine (1), an output element (14) which can be brought into driving connection with a camshaft (6, 7) of the internal combustion engine (1) and which is arranged in a pivotable manner with respect to the drive element (13), and at least one lateral cover (15) which lies on an axial lateral surface of the output element (14) or of the drive element (13), which is connected to the drive element (13) or to the output element (14) in a rotationally fixed manner and which has a disk-shaped portion (33). The disk-shaped portion (33) has a slotted recess (36c) which is open to the drive or output element (13, 14), said slotted recess being equipped with a stop element (40), and the slotted recess (36c) and the stop element (40) form a slot into which a locking element (38) can engage.

IPC 8 full level

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CPC (source: EP US)

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