

Title (en)

VALVE TRAIN FOR AN INTERNAL COMBUSTION ENGINE AND CORRESPONDING INTERNAL COMBUSTION ENGINE

Title (de)

VENTILTRIEB FÜR EINE BRENNKRAFTMASCHINE SOWIE ENTSPRECHENDE BRENNKRAFTMASCHINE

Title (fr)

COMMANDE DE SOUPAPE POUR MOTEUR À COMBUSTION INTERNE AINSI QUE LE MOTEUR À COMBUSTION INTERNE CORRESPONDANT

Publication

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Application

**EP 15795113 A 20151110**

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Abstract (en)

[origin: WO2016078751A1] The invention relates to a valve train (2) for an internal combustion engine (1), comprising at least one main camshaft (4), on which at least one cam carrier having valve-actuating cams is provided, said cam carrier being rotationally fixed and capable of axial movement between at least two axial positions, wherein a shifting gate (3) is associated with the cam carrier for axial movement by means of an actuator (5), which shifting gate has two gate tracks (8, 9) on the perimeter of the shifting gate, which extend oppositely in the axial direction, are partially spaced apart from each other and lead into each other at a mouth point (12). According to the invention, at least one of the gate tracks (8, 9) has an axial projection (18, 19) toward a gate track wall (16, 17) bounding the other of the gate tracks (9, 8) in the axial direction. The invention further relates to an internal combustion engine (1).

IPC 8 full level

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