

Title (en)  
VALVE TRAIN OF AN INTERNAL COMBUSTION ENGINE

Title (de)  
VENTILTRIEB EINER BRENNKRAFTMASCHINE

Title (fr)  
MÉCANISME DE COMMANDE DE SOUPAPES D'UN MOTEUR À COMBUSTION INTERNE

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Application  
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Abstract (en)  
[origin: WO2010091798A1] The invention relates to a valve drive of an internal combustion engine, having a cam shaft (1) which comprises a carrier shaft (2) and a cam part (3), which is arranged thereon in a rotationally fixed manner and displaceably between two axial positions and which comprises at least one cam group of directly adjoining cams (5, 6) having different cam elevations and an axial gate (8) having two cam tracks (9, 10) that extend axially along the circumference in opposing directions, and further having an actuating element (11) that can be coupled to the axial gate for displacing the cam part in the direction of both cam tracks. The cam tracks should be arranged one behind the other in the circumferential direction of the axial gate (8).

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