

Title (en)  
VALVE DRIVE SYSTEM AND CYLINDER HEAD FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
VENTILTRIEB UND ZYLINDERKOPF EINER BRENNKRAFTMASCHINE

Title (fr)  
MECANISME DE DISTRIBUTION ET CULASSE DE MOTEUR A COMBUSTION INTERNE

Publication  
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Application  
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Abstract (en)  
[origin: WO9803778A1] The invention concerns a valve drive system for an internal combustion engine, the valve drive system being provided between its at least one lifting valve (12) and its camshaft (34) in order to control the variable lift sequence. The valve drive system comprises a pressure-transmission arrangement which presses against the lifting valve (12), and a contact member (35) which abuts a cam (16) on the camshaft (34) and, as it changes position owing to the rotation of the cam (16), brings about an oscillating movement of the pressure-transmission arrangement. The pressure-transmission arrangement has a contact surface (80) via which pressure is transmitted. The contact surface (80), which can pivot about the bearing axis (14), comprises a first surface region (80.1) which has a circular-cylindrical curvature having the bearing axis (14) as the longitudinal axis of the cylinder, and a second surface region (80.2) which adjoins the first surface region (80.1) and has a non-circular-cylindrical curvature.

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