

Title (en)  
VALVE TRAIN FOR INTERNAL COMBUSTION ENGINES

Title (de)  
VENTILTRIEB FÜR BRENNKRAFTMASCHINEN

Title (fr)  
MECANISME DE COMMANDE DE SOUPAPES POUR MOTEURS A COMBUSTION INTERNE

Publication  
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Application  
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Abstract (en)  
[origin: WO2006136125A1] The invention relates to a valve train for internal combustion engines, comprising a camshaft (2) and valve actuation elements (1, 5, 6) for one or more valves (3), said elements being located in the cylinder head. The aim of the invention is to provide a valve train for an internal combustion engine, with which a reliable stroke adjustment of the valves can be made, without the need for complex technical resources, whilst at the same time allowing a forward or rear displacement of the valve orifice region. To achieve this, in order to modify the valve stroke curve, the contact point between the transfer member (6) and the cam (15) can be displaced along the periphery of the cam and the contact point between the transfer member and a control curve (11) of the support body (7) can be displaced, forcing the part of the transfer member that interacts with the cam to be guided, by shifting the transfer member in relation to the camshaft.

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