

Title (en)  
VARIABLE VALVE DRIVE

Title (de)  
VORRICHTUNG ZUR VARIABLEN VENTILHUBVERSTELLUNG

Title (fr)  
DISPOSITIF DE COMMANDE VARIABLE DE SOUPAPES

Publication  
**EP 2668376 B1 20141231 (DE)**

Application  
**EP 12700959 A 20120113**

Priority  
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• EP 2012050473 W 20120113

Abstract (en)  
[origin: WO2012100993A1] Mechanically controllable valve-train assembly having a plurality of gas exchange valves which are arranged in a row and are assigned at least two cylinders which are arranged in a row, wherein at least one gas exchange valve is assigned a transmission assembly, wherein each transmission assembly is mounted movably in the cylinder head by means of bearing means, and wherein each transmission assembly is operatively connected to in each case one valve-lift adjusting device and a camshaft, wherein each valve-lift adjusting device has a rotatable eccentric shaft with circumferential control surfaces with at least one eccentric element, which eccentric shaft can be driven by a drive device in such a way that various valve-lift positions can be set, wherein the eccentric shaft has a cam element which is arranged outside the circumferential control surfaces in the longitudinal direction of the eccentric shaft and which is operatively connected to a spring-loaded tappet element.

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