

Title (en)  
MECHANICALLY CONTROLLABLE VALVE DRIVE

Title (de)  
MECHANISCH STEUERBARER VENTILTRIEB

Title (fr)  
MÉCANISME DE DISTRIBUTION À COMMANDE MÉCANIQUE

Publication  
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Application  
**EP 15718934 A 20150430**

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Abstract (en)  
[origin: WO2016005071A1] The invention relates to a mechanically controllable valve drive comprising a gas exchange valve (4). A transfer arrangement (5) is paired with the gas exchange valve (4), and the transfer arrangement (5) has an intermediate lever arrangement (6) and a drag lever arrangement (8). An intermediate lever (12) of the intermediate lever arrangement (6) has a working curve (24) for an operative connection to a drag lever (28) of the drag lever arrangement (8). The intermediate lever (12) has a first rolling element (14) which is operatively connected to a circumferential contour (16) of a camshaft (18), and the intermediate lever (12) has a second rolling element (20) which is rotatably mounted on an axle (22) such that the second rolling element (20) is operatively connected to a valve stroke adjusting device (10) such that different valve stroke positions can be set. Spring means are provided which engage onto the intermediate lever arrangement (6), and guiding means are provided for the intermediate lever arrangement. The guiding means (36) consist of a slotted guide (34) onto which at least one guide rolling element engages that is provided in the region of the second rolling element (20).

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