

Title (en)
CAM DRIVE

Title (de)
NOCKENTRIEB

Title (fr)
ENTRAÎNEMENT À CAMES

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Abstract (en)
[origin: WO2008009557A1] The present invention relates to a cam drive (1) having a camshaft and having cams (18, 18') arranged thereon and having at least one rocker arm (3) which has a cam follower (2) and which is operatively connected by means of its first arm (4) to a plunger-like bearing (5) and by means of its second arm (6) to at least one gas exchange valve (7) of an associated cylinder. The cam drive (1) also has a device (10) for varying the lift of the at least one gas exchange valve (7). Here, it is essential to the invention that the device (10) is embodied as a clutch device which acts between the plunger-like abutment (5) and the rocker arm (3, 3', 3'') and which has an actuating element (12) which is mounted so as to be rotatable about an axis (13) of the plunger-like abutment (5) at least between two positions, wherein a valve lift in a first, coupled position of the actuating element (12) is varied in comparison with a second, decoupled position.

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