

Title (en)

MECHANICALLY CONTROLLABLE VALVE OPERATING MECHANISM, AND MECHANICALLY CONTROLLABLE VALVE OPERATING MECHANISM ARRANGEMENT

Title (de)

MECHANISCH STEUERBARER VENTILTRIEB SOWIE MECHANISCH STEUERBARE VENTILTRIEBANORDNUNG

Title (fr)

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Application

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Abstract (en)

[origin: WO2012052216A1] Mechanically controllable valve operating mechanism (54) having a gas exchange valve (26), on which a transmission arrangement (35) acts by means of an end surface, wherein the transmission arrangement (35) is mounted movably in the cylinder head by means of bearing means (36, 38), and wherein the transmission arrangement (35) is operatively connected to a valve-lift adjusting device (41) and a camshaft (40), wherein the valve-lift adjusting device (41) has a rotatable adjusting element with an eccentric element (49) which has two base points (64, 70) and a peak contour (61) and which acts on the transmission arrangement (35) counter to a prestressing force of a spring element (55), in such a way that different valve-lift positions can be set, wherein, in the circumferential direction, the adjusting element has at least one further eccentric element (60), in such a way that at least two peak contours (61, 63) are provided, with the result that, depending on the rotational angle α of the adjusting element (49), different eccentric elements (60, 62) can pass into engagement with the transmission arrangement (35); and a valve operating mechanism arrangement.

IPC 8 full level

F01L 13/00 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2012052216A1

Citation (examination)

- DE 102008047480 A1 20100415 - BAYERISCHE MOTOREN WERKE AG [DE]
- DE 4326331 A1 19950209 - BAYERISCHE MOTOREN WERKE AG [DE]

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