Title (en)

GUIDE SYSTEMS FOR VARIABLE VALVE CONTROLLERS

Title (de)

FÜHRUNGSSYSTEME FÜR VARIABLE VENTILSTEUERUNGEN

Title (fr)

SYSTEMES DE GUIDAGE POUR COMMANDES DE SOUPAPES VARIABLES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03085239A1] The invention relates to space-saving, easily-assembled guide systems for mechanical, variable valve controllers, with cam followers (1), driven by a cam (6) via a cam roller (5), the pivot joint (2) of which, for driving a tappet (4) which operates the valve (3), is arranged in the tappet (4), or the pivot joint for the adjustment thereof runs in an arc around the axis of rotation of a roller, which is arranged on a tappet operating a valve. The cam followers drive the tappets by means of the contact surface with the roller thereof. The guide systems are embodied with slide blocks (11), adjustable within slide housings (10), guide arms mounted in rollers and guide levers mounted in crank levers. According to application, the guide systems comprise contact surfaces, rollers or pivot joints.

IPC 8 full level

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