

Title (en)

DESMODROMIC CONTROL FOR A LIFTING VALVE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

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Title (fr)

ASSERVISSEMENT D'UNE SOUPAPE À MOUVEMENT ALTERNATIF DANS UN MOTEUR À COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2007122052A1] The invention relates to desmodromic control (1a, 1b) for a lifting valve (3a, 3b) of an internal combustion engine (2), comprising a camshaft (4a, 4b) equipped with at least one opening cam (5a, 5b, 5c) and at least one closing cam (6a, 6b, 6c). The opening cam actuates the lifting valve in the opening direction by means of a opening tappet (8a, 8b) which is mounted in a longitudinal guide (7a, 7b) of an internal combustion engine and comprises a gripping surface (10) for the opening cam. The closing cam actuates the lifting valve in the closing direction by means of a valve rocker (19a, 19b) which is mounted in the internal combustion engine. An additional longitudinal guide (11a, 11b) that extends adjacent to the longitudinal guide (19a, 19b) should be provided in which a closing tappet (12a, 12b), that is arranged between the closing cam and the valve rocker and which comprises a gripping surface (14) for the closing cam, is mounted.

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Cited by

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