

Title (en)

A CONTROL ARRANGEMENT IN A PISTON ENGINE

Title (de)

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Title (fr)

DISPOSITIF DE COMMANDE DANS UN MOTEUR A PISTON

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Application

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Abstract (en)

[origin: WO2010012864A1] The invention relates to a control arrangement for gas exchange in a piston engine adapted between a cam device (5) of a camshaft (4) of the engine (1) and an inlet valve mechanism (6) arranged to open and close the inlet valve (3) in association with a cylinder of the engine, which control arrangement (7) comprises a body part (8), in which a piston device (9) is movably arranged to be in force transmission connection with the camshaft (4) and the valve mechanism (6). The cam device (5) includes a cam profile (5') having a portion (5c) arranged under a base circle (5a) of the cam profile (5'). Said portion (5c) of the cam profile (5') is arranged to control gas exchange through the inlet valve (3), specifically for providing a delay in the closing of the inlet valve (3).

IPC 8 full level

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