

Title (en)

ACTUATING DEVICE FOR A GAS-EXCHANGE VALVE IN AN INTERNAL COMBUSTION ENGINE

Title (de)

BETÄTIGUNGSVORRICHTUNG FÜR EIN GASWECHSELVENTIL IN EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF ACTIONNEUR DESTINE A UNE VALVE D'ECHANGE DE GAZ D'UN MOTEUR A COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: DE19757505A1] The invention relates to an actuating device for a gas-exchange valve in an internal combustion engine, comprising an electromagnetic actuator having an opening magnet and a closing magnet between which a movable armature is located which actuates the gas-exchange valve, valve springs for impinging upon the gas-exchange valve, and a device to compensate for play between the actuator and the cylinder head. To configure the actuating device in such a way that it functions reliably for a long service period the invention provides for a damper which acts between the cylinder head and the actuator.

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