

Title (en)

METHOD AND DEVICE FOR CONTROL OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STEuern EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF POUR COMMANDER UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 1725760 A1 20061129 (DE)**

Application

**EP 05717045 A 20050315**

Priority

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Abstract (en)

[origin: WO2005090766A1] The invention relates to an internal combustion engine comprising an inlet tract, leading to the inlet to a cylinder where a gas inlet valve is arranged. A valve drive for the gas inlet valve is provided, by means of which the valve stroke of the gas inlet valve may be adjusted using an actuator element, which permits differing cams to operate the gas inlet valve. An inductive actuator drive (23) is arranged on the actuator element in which a voltage is induced during a switching process. A first unit is embodied for recognition of whether a switching of the valve stroke has occurred by means of the voltage induced in the inductive actuator drive (23) which is characteristic of the switching process. A second unit is embodied for the control of at least one further actuator body depending on whether a switching of the valve stroke is recognised in the first switching unit.

IPC 8 full level

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