Title (en)

METHOD FOR THE CONTROL AND REGULATION OF A COMBUSTION ENGINE

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Application

EP 90890118 A 19900417

Priority

DE 3912604 A 19890417

Abstract (en)

[origin: EP0394216A2] A method for the open-loop and closed-loop control of an internal combustion engine (1) in which a digital binary output signal (b) is calculated in a computing device as a function of operating variable signals, such as for example the engine speed (n), the accelerator position, the engine temperature etc., said calculated binary signal is converted into an actuation signal (s) which consists of pulses of a constant amplitude, the overall duration of the actuation signal within a clock period being proportional to the value of the binary signal and this actuation signal being used to control an electromechanical actuator. In this process, the actuation signal is divided up within each clock period depending on the value of the binary signal (b) into individual pulses whose overall duration is proportional to the value of the binary signal (b) and the individual pulses are distributed essentially evenly within each clock period. In addition, a device for carrying out the method is disclosed. <IMAGE>

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IPC 8 full level

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Cited by

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