

Title (en)

MOTOR CONTROL SYSTEM COMPRISING A MOTORIZED BUTTERFLY BODY

Title (de)

STEUERUNGSSYSTEM FÜR EINE BRENNKRAFTMASCHINE MIT MOTORISIERTEM DROSSELKLAPPGEHÄUSE

Title (fr)

SYSTEME DE CONTROLE MOTEUR A CORPS DE PAPILLON MOTORISE

Publication

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Application

EP 93924111 A 19931026

Priority

- FR 9212931 A 19921029
- FR 9301046 W 19931026

Abstract (en)

[origin: FR2697585A1] System comprising a motorized butterfly body (2), with a butterfly (5), a spindle (6), a body (4), an actuator (7), a position sensor (8) and a butterfly control unit (3) being incorporated into a single assembly (1). The engine control unit (15), which is connected to sensors (17) for detecting engine operation parameters and to the accelerator pedal (27), generates injection and ignition commands and the reference value of the butterfly's position, which is transmitted by a connecting line (40) to unit (3) which sets the position of the butterfly (5) to the reference value and transmits the butterfly position signal via line (40) to unit (15). Application to spark ignition engines fitted with a fuel injection system.

IPC 1-7

F02D 11/10; **F02D 41/26**; **F02D 41/22**

IPC 8 full level

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