

Title (en)

Method for adjusting the displacement of a control actuator varying the load

Title (de)

Verfahren zum Einstellen der Bewegung eines leistungsverändernden Regelorgans

Title (fr)

Procédé pour ajuster le mouvement d'un organe de réglage variateur de charge

Publication

**EP 0740058 A3 19981209 (DE)**

Application

**EP 96102704 A 19960223**

Priority

DE 19515855 A 19950429

Abstract (en)

[origin: EP0740058A2] The method operates on the throttle flap (4) in the inlet manifold (3) upstream from the fuel injector (2). Adjustment is made by e.g. a stepping motor (5) subject to a regulator (7) with inputs from a pick-up (10) on the accelerator pedal (9) and from sensors of engine speed (n) and load (Mmot), road surface condition (eta) and transmission ratio (G). A change of engine output power (DELTA ml) is worked out predictively for each cycle, during which the flap is repositioned on the basis of this optimum calculation and the position of the accelerator.

IPC 1-7

**F02D 11/10**; **F02D 9/02**

IPC 8 full level

**F02D 9/02** (2006.01); **F02D 11/10** (2006.01)

CPC (source: EP US)

**F02D 11/105** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 001 (M - 550) 6 January 1987 (1987-01-06)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 612 (M - 1509) 11 November 1993 (1993-11-11)

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