

Title (en)

LEARNING CONTROL PROCESS AND DEVICE FOR INTERNAL COMBUSTION ENGINES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO8909334A1] In a learning process for regulating and presetting the lambda value of an air/fuel mixture to be supplied to an internal combustion engine (11), a large comparison value is compared with a small comparison value. The large comparison value is obtained by averaging adaptation factors for large pilot control values and the small comparison factors for small pilot control values. If the large comparison value is smaller than the small comparison value, a global summand is increased by a correction value, and decreased in other cases. The advantage of a device which operates according to this process is that disturbances having a cumulative effect on the injection time are compensated with a high degree of precision.

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IPC 8 full level

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