

Title (en)

Method of closed loop control of the air/fuel ratio of an internal combustion engine

Title (de)

Verfahren zur Regelung des Kraftstoff-Luft-Verhältnisses einer Brennkraftmaschine

Title (fr)

Méthode de commande rétroactive du rapport air/carburant d'un moteur à combustion intern

Publication

**EP 0848151 B1 20040128 (DE)**

Application

**EP 97120602 A 19971125**

Priority

DE 19651613 A 19961212

Abstract (en)

[origin: EP0848151A2] The air/fuel ratio regulation method uses a regulator with a proportional-integral regulation characteristic, receiving a signal from a lambda probe (5) which is inserted in the engine exhaust line upstream of a catalyser (2), providing a setting value for the fuel/air ratio. The proportional component of the output signal from the first regulation circuit (9) for the first lambda probe is altered in dependence on the output signal from a second lambda probe (6) inserted in the exhaust gas line after the catalyser.

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