

Title (en)

Method for operating an internal combustion engine by adaption of mixture pilot control

Title (de)

Verfahren zum Betreiben einer Brennkraftmaschine mittels Adaption der Gemischvorsteuerung

Title (fr)

Procédé de fonctionnement d'un moteur à combustion interne par adaption du command pilote du mélange

Publication

**EP 1507079 B1 20060607 (DE)**

Application

**EP 04103442 A 20040720**

Priority

DE 10337228 A 20030813

Abstract (en)

[origin: EP1507079A2] The internal combustion engine exhaust system contains a pre-catalyser and a main exhaust gas catalyser. The control system may act as a mixture control and may have a circuit block (10) with an input (12) from a sensor downstream of the pre-catalyser and an air mass flow input (14). The circuit block contains a filter (16), a gradient block (18) and a settle-check block (20). An integrator block (22) is connected to the air mass flow input. The settle-check block receives an input from a catalyser model block (40) which has inputs (28,30,42) from the engine. The control system also contains a flash adaptation block (26).

IPC 8 full level

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CPC (source: EP)

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