

Title (en)

DUAL CONTROL LOOP SYSTEM AND METHOD FOR INTERNAL COMBUSTION ENGINES

Title (de)

SYSTEM UND VERFAHREN MIT EINEM DOPPELTEN REGELUNGSKREIS FÜR BRENNKRAFTMASCHINE

Title (fr)

SYSTEME ET PROCEDURE DE DOUBLE BOUCLE DE COMMANDE POUR MOTEUR A COMBUSTION INTERNE

Publication

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Application

EP 96934935 A 19961018

Priority

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- FR 9512237 A 19951018

Abstract (en)

[origin: WO9714877A1] A system and a method for controlling the amount of fuel injected into an internal combustion engine fitted with a catalytic converter. The signal (KCL) output by a first feedback loop (16, 18, 20, 12) and derived from the output (Vup) of a first probe (16) upstream from the catalytic converter (14) is corrected in a corrector circuit (22) by a value (KRICH) determined in a circuit (24) on the basis of the output (Vdown) of a second probe (26) downstream from the catalytic converter (14). The system and method are useful in internal combustion injection engines fitted with a catalytic converter.

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