

Title (en)

Electronic system for calculating fuel mixture ratio for an internal combustion engine.

Title (de)

Elektronisches System zur Berechnung des Kraftstoff-Luftverhältnisses eines Verbrennungsmotors.

Title (fr)

Système électronique pour calculer le rapport du mélange au carburant d'un moteur à combustion interne.

Publication

EP 0657637 A2 19950614 (EN)

Application

EP 94117678 A 19941109

Priority

IT TO930857 A 19931112

Abstract (en)

System for calculating mixture strength in which an electronic panel (7) is capable of comparing the voltage generated by exhaust gas sensors, in particular from a lambda probe (19) located in the exhaust manifold (21) of a petrol engine (4), with a threshold value (Str) such as to distinguish between a first and a second state (rich state/lean state), corresponding to an air/petrol mixture supplied to the engine which contains more or less petrol, respectively, than is required by the stoichiometric ratio. The system enables this threshold to be updated periodically. <IMAGE>

IPC 1-7

F02D 41/14

IPC 8 full level

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CPC (source: EP)

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