

Title (en)

Method to discriminate between fault sources in a system for controlling the mixture fed to an internal combustion engine

Title (de)

Verfahren zur Unterscheidung der Fehlerursachen im Gemischbildungs- bzw. Gemischregelungssystem einer Brennkraftmaschine

Title (fr)

Méthode d'identification de l'origine de pannes dans un système de régulation du mélange d'un moteur à combustion interne

Publication

EP 0624721 B1 19961002 (DE)

Application

EP 93107898 A 19930514

Priority

EP 93107898 A 19930514

Abstract (en)

[origin: EP0624721A1] By selectively changing the heating capacity of the lambda probe heating device and subsequently observing and evaluating the change in the temperature-dependent probe output voltage (ULS) caused thereby, faults in the mixture formation such as permanent lean or permanent rich mixture are distinguished from faults which relate to the lambda probe itself, such as short-circuit or breaks in the probe feed lines and only the fault which actually occurs is allowed to be stored. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

F02D 41/1494 (2013.01 - EP US); **F02D 41/1495** (2013.01 - EP US)

Cited by

GB2290882B; EP2090404A3; CN105445341A; CN113833567A; DE102006052985B4; DE102007034251A1; DE102007034251B4; FR2756389A1; FR2739413A1; EP1959121A1; US8386155B2; WO2009109421A1

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