

Title (en)

A method for controlling the temperature in the combustion chambers of an engine

Title (de)

Methode zur Steuerung der Temperaturen in den Brennräumen einer Brennkraftmaschine

Title (fr)

Méthode de commande de la température dans les chambres de combustion d'un moteur

Publication

EP 0992680 A1 20000412 (EN)

Application

EP 98830590 A 19981007

Priority

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Abstract (en)

A method for controlling temperature in the combustion chambers of an internal combustion engine, comprising: a plurality of glow plugs (10), a circuit (12) for supplying said glow plugs (10), and a circuit (24) for measuring the temperature in the combustion chambers, which measures the resistance of said glow plugs (10) during intervals in which said supply circuit (12) is turned off. The method comprises a heating phase which is operative for a short time interval immediately preceding the start of the engine, in which a supply circuit is periodically turned-off and during the periods of inactivity of the supply circuit the temperature into the combustion chambers is measured. The method further comprises a maintaining phase which is continuously operative during the whole running period of the engine, in which the temperature in the combustion chambers is measured at predetermined time interval and said supply circuit (12) is turned-on if the measured temperature falls below a predetermined threshold.

<IMAGE>

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Citation (applicant)

EP 0315934 A1 19890517 - SIEMENS AG [DE]

Citation (search report)

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