

Title (en)

METHOD AND DEVICE FOR REDUCING THE TEMPERATURE TOLERANCE OF GLOW PLUGS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REDUZIERUNG DER TEMPERATURTOLERANZ VON GLÜHSTIFTKERZEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉDUCTION DE LA TOLÉRANCE À LA TEMPÉRATURE DE BOUGIES-CRAYONS DE PRÉCHAUFFAGE

Publication

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Application

**EP 11715469 A 20110413**

Priority

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Abstract (en)

[origin: WO2011144393A1] The invention relates to a method for reducing the temperature tolerance of glow plugs, in which method, in a first step, the glow plugs of an auto-ignition internal combustion engine are classified under at least two temperature classes, wherein at least one temperature class encompasses a temperature range above a setpoint temperature range, at least one temperature class encompasses a temperature range below the setpoint temperature range, and/or one temperature class encompasses the setpoint temperature range. In a second step, the actuation voltage of glow plugs which have been assigned to a temperature class which encompasses a temperature range above the setpoint temperature range is lowered and the actuation voltage of glow plugs which have been assigned to a temperature class which encompasses a temperature range below the setpoint temperature range is raised. The invention also relates to a device for carrying out the method.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (examination)

- DE 102008002574 A1 20100114 - BOSCH GMBH ROBERT [DE]
- EP 2249025 A2 20101110 - BORGWARNER BERU SYSTEMS GMBH [DE]

Cited by

EP4001631A1; US11739693B2

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