

Title (en)

METHOD AND CONTROL DEVICE FOR ADJUSTING A TEMPERATURE OF A GLOW PLUG

Title (de)

VERFAHREN UND STEUERGERÄT ZUR EINSTELLUNG EINER TEMPERATUR EINER GLÜHSTIFTKERZE

Title (fr)

PROCÉDÉ ET APPAREIL DE COMMANDE POUR RÉGLER UNE TEMPÉRATURE D'UNE BOUGIE-CRAYON DE PRÉCHAUFFAGE

Publication

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Application

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Abstract (en)

[origin: WO2012113653A1] The invention relates to a method for adjusting a temperature of a glow plug, in particular for igniting a fuel/air mixture in an internal combustion engine, wherein the temperature (T<sub>m</sub>) of the glow plug (2) is adjusted by means of a regulating system dependent on a resistance (R<sub>m</sub>) of the glow plug (2). The aim of the invention is to prevent the occurrence of temperature overshoots during the pre-heating phase of the glow plug. This is achieved in that the temperature (T<sub>m</sub>) is regulated using a predictive model (8) in a pre-heating phase in which an overvoltage is applied to the glow plug (2).

IPC 8 full level

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