

Title (en)

METHOD FOR CONTROLLING A GROUP OF GLOW PLUGS FOR A DIESEL ENGINE

Title (de)

VERFAHREN ZUM ANSTEUERN EINER GRUPPE VON GLÜHKERZEN IN EINEM DIESELMOTOR

Title (fr)

PROCEDE DE COMMANDE D'UN GROUPE DE BOUGIES DE PRECHAUFFAGE D'UN MOTEUR DIESEL

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Application

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Abstract (en)

[origin: WO2007033825A1] The invention relates to a method for controlling a group of glow plugs for a diesel engine, which are connected to a direct current supply by individual supply lines and operated by a pulse width modulation method in any case at the same temperature in the time average. The inventive method consists in calculating the electric resistance of the glow plugs, in subtracting the resistance of the plug glowing element supply line therefrom during the engine operation for calculating a relative pulse width with which the glow plugs are controlled or in determining for each glow plug the resistance of the glowing element thereof during the engine operation, thereby making it possible to calculate the individual relative pulse width for individually controlling each glow plug or also to determine the electric energy supplied by period to the glow plugs by means of the pulse width modulation.

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