

Title (en)

METHOD AND DEVICE FOR THE OPERATION OF AN EXHAUST GAS ANALYZING SENSOR CELL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINER ABGAS-ANALYSE-SENSORZELLE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UNE CELLULE DE DETECTEUR POUR L'ANALYSE DE GAZ D'ECHAPPEMENT

Publication

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Application

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Abstract (en)

[origin: WO2005100970A1] The invention relates to a method and a device for operating a sensor cell (1) that is used for analyzing exhaust gas. The aim of the invention is to create a method and a corresponding device which supply reliable test results in each mode of operation of a sensor, also when using advantageous pulse width-controlled regulation of the heating element (6). Said aim is achieved by correcting the potential of the reference electrode (Ref) of the sensor substantially in synchrony with the mean of the supply voltage (Vpwm) of the electrical heating element (6).

IPC 8 full level

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