

Title (en)
METHOD FOR DETERMINING THRESHOLDS FOR AN OFFSET OF A VOLTAGE LAMBDA CHARACTERISTIC CURVE OF A LAMBDA PROBE

Title (de)
VERFAHREN ZUM BESTIMMEN VON GRENZWERTEN FÜR EINEN OFFSET EINER SPANNUNGS-LAMBDA-KENNLINIE EINER LAMBDA-SONDE

Title (fr)
PROCÉDÉ DE DÉTERMINATION DE VALEURS LIMITES D'UN DÉCALAGE D'UNE CARACTÉRISTIQUE TENSION-LAMBDA D'UNE SONDE LAMBDA

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Application
EP 16703275 A 20160125

Priority
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Abstract (en)
[origin: WO2016120190A1] The invention relates to a method for determining thresholds for an offset of a voltage lambda characteristic curve of a first lambda probe (14) arranged in an exhaust gas channel (14) of an internal combustion engine (10) relative to a reference voltage lambda characteristic curve, wherein a first measurement signal of the first lambda probe (14), a second measurement signal of a second lambda probe (18), and an oxygen balance of a catalyst (16) between the first lambda probe (14) and the second lambda probe (18) are used. An upper threshold is determined on the basis of a first assumption, from which a first value for a sum of an oxygen discharge and an oxygen storage fill state difference results, and a lower threshold is determined on the basis of a second assumption, from which a second value for a sum of an oxygen discharge and an oxygen storage fill state difference results, said first value being greater than the second value.

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Citation (search report)
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