Title (en)

POWER DETECTION AND AIR/FUEL RATIO CONTROL BY MEANS OF SENSORS IN THE COMBUSTION CHAMBER

Title (de)

LEISTUNGSERFASSUNG UND LUFTZAHLREGELUNG MITTELS SENSOREN IM FEUERRAUM

Title (fr)

DÉTECTION DE LA CAPACITÉ ET RÉGULATION DU FACTEUR D'AIR AU MOYEN DES CAPTEURS DANS LE FOYER

Publication

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Application

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Priority

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Abstract (en)

[origin: CN115076713A] Power recording and air coefficient adjustment by means of sensors in the combustion chamber. A method for regulating a combustion apparatus, the combustion apparatus comprising a combustion chamber and a first temperature sensor in the combustion chamber and a second temperature sensor in the combustion chamber, the method comprising the steps of: recording a first signal of the first temperature sensor and a second signal of the second temperature sensor; determining a first combustion power as a function of the first signal using a first characteristic curve, which specifies, for the first temperature sensor, a course of the combustion power as a function of the signal of the first temperature sensor; determining a second combustion power as a function of the second signal using a second characteristic curve, which specifies, for the second temperature sensor, the course of the combustion power as a function of the signal of the second temperature sensor; a current combustion power of the combustion device is determined as a function of the first and second combustion powers.

IPC 8 full level

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CPC (source: CN EP)

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