

Title (en)

Method and apparatus for controlling the air ratio of a burner

Title (de)

Verfahren und Vorrichtung zur Luftzahlregelung eines Brenners

Title (fr)

Procédé et dispositif de régulation du facteur d'air d'un brûleur

Publication

EP 2549187 B1 20161109 (DE)

Application

EP 12176837 A 20120718

Priority

DE 102011079325 A 20110718

Abstract (en)

[origin: EP2549187A2] The method involves disconnecting an ignition electrode (102) by a medium for generating the ignition voltage (104). An electrical signal (115a) is sensed to an ionization electrode (103) and the signal is derived dependent on an air ratio in response to the electrical signal. Another electrical signal (115b) is sensed to the ignition electrode and another signal dependent on the air ratio is derived in response to the latter electrical signal. An independent claim is included for a burner, particularly oil or gas burner with an ignition electrode.

IPC 8 full level

F23N 1/02 (2006.01); **F23N 5/12** (2006.01)

CPC (source: EP)

F23N 1/022 (2013.01); **F23N 5/123** (2013.01); **F23N 2229/14** (2020.01)

Cited by

EP3059496A1; DE102017204003A1; EP3339735A1; WO2022013064A1; DE102020118970A1; WO2021204471A1; DE102020205449A1; WO2021219582A1; EP4133214B1

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DOCDB simple family (publication)

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