

Title (en)

Method and device for controlling or monitoring an atomisation device for the atomisation of liquid fuels in a modulating burner

Title (de)

Verfahren und Vorrichtung zur Regelung bzw. Überwachung einer Zerstäubungsvorrichtung für die Zerstäubung flüssiger Brennstoffe in einem modulierenden Brenner

Title (fr)

Procédé et dispositif de réglage ou surveillance d'un dispositif de pulvérisation permettant de pulvériser des combustibles liquides dans un brûleur à modulation

Publication

EP 2589871 B1 20150729 (DE)

Application

EP 12188619 A 20121016

Priority

DE 102011055049 A 20111104

Abstract (en)

[origin: EP2589871A1] The method involves determining an air supply-parameter and a fuel supply-parameter, where the fuel supply-parameter is set according to the air supply-parameter for controlling a fuel-air mixture for controlling the power of the burner. A deviation of another fuel supply-parameter is determined by a target value of a characteristic line (30) of a relationship between the both fuel supply-parameters. Another deviation of the latter fuel supply-parameter is determined by the target value of another characteristic line of dependency between latter fuel supply-parameter and air supply-parameter. An independent claim is included for a device for controlling or monitoring a sputtering apparatus for the atomization of liquid fuels, particularly oil, in a modulating burner.

IPC 8 full level

F23N 1/02 (2006.01)

CPC (source: EP)

F23N 1/022 (2013.01); **F23N 2225/04** (2020.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2589871 A1 20130508; EP 2589871 B1 20150729; DE 102011055049 A1 20130508

DOCDB simple family (application)

EP 12188619 A 20121016; DE 102011055049 A 20111104