Title (en)

METHOD AND APPARATUS FOR CONTROLLING COMBUSTION IN A COMBUSTION BOILER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER VERBRENNUNG IN EINEM VERBRENNUNGSKESSEL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE D'UNE COMBUSTION DANS UNE CHAUDIÈRE DE COMBUSTION

Publication

EP 2643637 A2 20131002 (DE)

Application

EP 11790584 A 20111123

Priority

- DE 102010052404 A 20101124
- EP 2011070735 W 20111123

Abstract (en)

[origin: WO2012069502A2] Method for controlling the combustion of fuel (1) in a combustion boiler (2), comprising at least the following steps: a) a desired combustion air quantity for the combustion of the fuel (1) in the combustion boiler (2) is determined, b) a combustion air quantity which is available for the combustion of the fuel (1) in the combustion boiler (2) is determined, c) at least one combustion air inflow (16) is controlled by at least one material output opening (3) or at least one appliance opening in the combustion boiler (2), in order to at least partially match the combustion air quantity available in the combustion boiler (2) to the desired combustion air quantity.

IPC 8 full level

F23N 3/00 (2006.01); **F23G 5/50** (2006.01); **F23N 1/00** (2006.01); **F23N 5/00** (2006.01)

CPC (source: EP US)

F23G 5/50 (2013.01 - EP US); **F23N 1/002** (2013.01 - EP US); **F23N 3/002** (2013.01 - EP US); **F23N 5/006** (2013.01 - EP US); F23G 2207/103 (2013.01 - EP US); F23G 2207/113 (2013.01 - EP US); F23G 2207/30 (2013.01 - EP US)

Citation (search report)

See references of WO 2012069502A2

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)

DE 102010052404 A1 20120524; CN 103403454 A 20131120; CN 103403454 B 20170711; EP 2643637 A2 20131002; EP 2643637 B1 20211117; US 2013323657 A1 20131205; WO 2012069502 A2 20120531; WO 2012069502 A3 20130718

DOCDB simple family (application)

DE 102010052404 A 20101124; CN 201180056778 A 20111123; EP 11790584 A 20111123; EP 2011070735 W 20111123; US 201113988151 A 20111123