

Title (en)

METHOD AND DEVICE FOR CONTROLLING INJECTION OF PRIMARY AND SECONDARY AIR IN AN INCINERATION SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REGELUNG DER PRIMÄR- UND SEKUNDÄRLUFTEINSPRITZUNG EINER MÜLLVERBRENNUNGSANLAGE

Title (fr)

PROCEDE ET DISPOSITIF SERVANT A COMMANDER L'INJECTION D'AIR PRIMAIRE ET SECONDAIRE DANS UN SYSTEME D'INCINERATION

Publication

EP 1490632 A1 20041229 (EN)

Application

EP 03717267 A 20030403

Priority

- EP 03717267 A 20030403
- EP 0303495 W 20030403
- EP 02447055 A 20020403
- US 37199202 P 20020411

Abstract (en)

[origin: WO03083370A1] The present invention relates to a device and method for incinerating waste material in a furnace-boiler comprising a feeding system, grate, furnace, post combustion chamber and primary and secondary air systems, wherein the row of nozzles of the secondary air system is divided into segments, each segment capable of injecting a different flow of air from that of adjacent segments. The invention further relates to a method for controlling said primary and secondary air systems.

IPC 1-7

F23G 5/16; F23L 9/04; F23L 13/02; F23M 9/04

IPC 8 full level

F23G 5/50 (2006.01); **F23G 5/16** (2006.01); **F23L 9/04** (2006.01); **F23L 13/02** (2006.01); **F23M 9/04** (2006.01); **F23N 3/04** (2006.01); **F23N 5/02** (2006.01)

CPC (source: EP)

F23G 5/16 (2013.01); **F23G 5/50** (2013.01); **F23L 9/02** (2013.01); **F23L 13/02** (2013.01); **F23M 9/04** (2013.01); **F23G 2900/55003** (2013.01); **F23N 3/04** (2013.01); **F23N 5/02** (2013.01); **F23N 2235/06** (2020.01)

Citation (search report)

See references of WO 03083370A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03083370 A1 20031009; AT E343766 T1 20061115; AT E404820 T1 20080815; AU 2003221547 A1 20031013; CN 100402925 C 20080716; CN 1646859 A 20050727; DE 60309301 D1 20061207; DE 60309301 T2 20070606; DE 60322986 D1 20080925; EP 1490632 A1 20041229; EP 1490632 B1 20061025; EP 1726877 A1 20061129; EP 1726877 B1 20080813; ES 2275086 T3 20070601

DOCDB simple family (application)

EP 0303495 W 20030403; AT 03717267 T 20030403; AT 06018526 T 20030403; AU 2003221547 A 20030403; CN 03807908 A 20030403; DE 60309301 T 20030403; DE 60322986 T 20030403; EP 03717267 A 20030403; EP 06018526 A 20030403; ES 03717267 T 20030403