

Title (en)
SECONDARY COMBUSTION METHOD AND UNIT IN INCINERATION SYSTEM

Title (de)
SEKUNDÄRVERBRENNUNGSVERFAHREN UND -EINHEIT IN EINER VERBRENNUNGSANLAGE

Title (fr)
PROCEDE ET UNITE DE COMBUSTION SECONDAIRE DANS UN SYSTEME D'INCINERATION

Publication
EP 1956292 A1 20080813 (EN)

Application
EP 06822665 A 20061031

Priority
• JP 2006321736 W 20061031
• JP 2005323589 A 20051108

Abstract (en)
In an incineration system, abrupt increase in quantity of carbon-monoxide generation is effectively suppressed while avoiding temperature drop in a secondary combustion chamber due to excessive air supply. When secondary air is supplied to a combustion gas in a secondary combustion chamber 16 and secondary combustion of the gas is carried out, presence or absence of flame on the downstream side of a secondary-air supply position is detected by a flame detector 42. When occurrence of flame is detected, more auxiliary air is supplied from a position on the downstream side of a flame detection position into the secondary combustion chamber 16 as compared with a case where occurrence of flame is not detected.

IPC 8 full level
F23G 5/16 (2006.01); **F23G 5/50** (2006.01)

CPC (source: EP KR)
F23G 5/16 (2013.01 - EP KR); **F23G 5/50** (2013.01 - EP KR); **F23N 3/002** (2013.01 - EP); **F23N 5/082** (2013.01 - EP); **F23G 2207/30** (2013.01 - EP); **F23J 2215/40** (2013.01 - EP)

Cited by
US2013115560A1; US10690057B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1956292 A1 20080813; **EP 1956292 A4 20101215**; **EP 1956292 B1 20130424**; JP 2007132544 A 20070531; JP 3963925 B2 20070822; KR 100996623 B1 20101125; KR 20080042857 A 20080515; WO 2007055125 A1 20070518

DOCDB simple family (application)
EP 06822665 A 20061031; JP 2005323589 A 20051108; JP 2006321736 W 20061031; KR 20087005223 A 20061031