

Title (en)
METHOD OF COMBUSTION FOR FLUIDIZED BED INCINERATORS

Publication
EP 0237712 B1 19900509 (EN)

Application
EP 87100514 A 19870116

Priority
JP 2200286 A 19860205

Abstract (en)
[origin: EP0237712A1] A method of controlling the combustion in the fluidized bed for fluidized bed incinerators for disposing of refuse such as municipal wastes is disclosed. According to this invention method, a fluidized bed in which to burn the refuse is formed out of the refuse such as municipal wastes and a fluidizing medium by the primary air ; the pyrolysis gas generated in said combustion is burnt with the secondary air in the upper, or the freeboard, space of the furnace body ; the gas generated in said secondary combustion is discharged out of the furnace body as an exhaust ; and a part of said discharged exhaust gas is returned to the furnace body, thus achieving effective control over drying, combustion, and pyrolysis of the refuse.

IPC 1-7
F23G 5/30

IPC 8 full level
F23G 5/027 (2006.01); **F23G 5/30** (2006.01)

CPC (source: EP)
F23G 5/027 (2013.01); **F23G 5/30** (2013.01)

Cited by
EP1500875A4; CN105351944A; EP0446888A3; EP0413104A1; US5044287A; EP0286845A1; WO02090829A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0237712 A1 19870923; EP 0237712 B1 19900509; CA 1290988 C 19911022; DE 237712 T1 19880204; DE 3762681 D1 19900613;
JP S62182516 A 19870810

DOCDB simple family (application)
EP 87100514 A 19870116; CA 528960 A 19870204; DE 3762681 T 19870116; DE 87100514 T 19870116; JP 2200286 A 19860205