

Title (en)

Method for Controlling the Supply of Fuel to a Combustion Furnace

Title (de)

Verfahren zur Steuerung der Zufuhr von Brennmaterial in einen Verbrennungssofen

Title (fr)

Procédé pour réguler l'apport de matière combustible dans un four de combustion

Publication

EP 1785669 A1 20070516 (DE)

Application

EP 05024358 A 20051109

Priority

EP 05024358 A 20051109

Abstract (en)

The material feed (11) control system for an incinerator (10), for disposal of rubbish and sludge, establishes at least one parameter for comparison with a nominal value. The combustion material is throttled in steps according to whether the parameter value is over or under the nominal value. The parameter registered can be the pressure, temperature, the O₂ content, the volume flow of secondary air and/or recirculation gas. The control action is effected through a pyrometer.

IPC 8 full level

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

CPC (source: EP)

F23G 5/30 (2013.01); **F23G 5/50** (2013.01); **F23G 2203/502** (2013.01); **F23G 2207/101** (2013.01); **F23G 2207/102** (2013.01); **F23G 2207/103** (2013.01); **F23G 2207/113** (2013.01); **F23G 2207/20** (2013.01)

Citation (search report)

- [XA] WO 0071937 A1 20001130 - BARLOW JAMES L [US]
- [XA] US 4800846 A 19890131 - IDEI YASUMASA [JP], et al
- [XA] EP 0971169 A1 20000112 - NIPPON KOKAN KK [JP]
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JP2015071129A; JP2015071130A

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1785669 A1 20070516; CN 1963302 A 20070516

DOCDB simple family (application)

EP 05024358 A 20051109; CN 200610139834 A 20060920