

Title (en)

Furnace for burning solid fuels

Title (de)

Feuerung für die verbrennung von feststoffen

Title (fr)

Installation de chauffe pour la combustion de matières solides

Publication

EP 2397756 A3 20140219 (DE)

Application

EP 11170106 A 20110616

Priority

AT 10252010 A 20100621

Abstract (en)

[origin: EP2397756A2] The furnace (1) has a burner (4a,4b), where a primary air supply (7a,7b) and a secondary air supply (8) are arranged. A combustion zone (11) is arranged in a tubular gasifier section (3). Another combustion zone (12) is arranged predominantly higher than the former combustion zone. A burner section (4) is located predominantly higher than a gasifier section.

IPC 8 full level

F23B 50/12 (2006.01); **F23B 10/00** (2011.01); **F23B 60/00** (2006.01); **F23B 90/06** (2011.01)

CPC (source: EP)

F23B 10/00 (2013.01); **F23B 50/12** (2013.01); **F23B 60/00** (2013.01); **F23B 90/06** (2013.01)

Citation (search report)

- [XII] US 5823122 A 19981020 - CHRONOWSKI ROBERT A [US], et al
- [XII] US 2003200905 A1 20031030 - REED THOMAS B [US]
- [XAI] DE 102006046599 A1 20080403 - HOCHSCHULE KARLSRUHE TECHNIK U [DE]

Cited by

ITMI20121260A1; CN106090888A; EP3865769B1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2397756 A2 201111221; **EP 2397756 A3 20140219**; **EP 2397756 B1 20160831**; AT 510063 A1 20120115; AT 510063 B1 20120515; AT 510063 B8 20120815

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