

Title (en)

Combustion assembly with heat insulation layer on wet slag remover

Title (de)

Verbrennungsanlage mit Wärmedämmschicht am Nassentschlacker

Title (fr)

Installation de combustion dotée d'une couche d'isolation thermique sur l'épurateur de scories humides

Publication

EP 2273194 A3 20140827 (DE)

Application

EP 10006900 A 20100705

Priority

DE 102009032760 A 20090711

Abstract (en)

[origin: EP2273194A2] The combustor has wet slag for discharge of combustion residue, and a tray serving as water quench (7) comprising a water surface. The tray is provided for receiving the combustion residue comprising a thermal insulation layer (13) floatable on the water surface. The thermal insulation layer comprises multiple floating bodies (12) moving against each other. The floating bodies are rotated around a rotation axis. An independent claim is also included for a method for the removal of combustion residues.

IPC 8 full level

F23J 1/00 (2006.01); **F23J 1/08** (2006.01)

CPC (source: EP US)

F23J 1/00 (2013.01 - EP US); **F23J 1/08** (2013.01 - EP US); **F23J 2900/01002** (2013.01 - EP US); **F23J 2900/01006** (2013.01 - EP US)

Citation (search report)

- [X] US 4445442 A 19840501 - POLLOCK WILLIAM H [US]
- [X] US 3931773 A 19760113 - REIMANN EBERHARD

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2273194 A2 20110112; **EP 2273194 A3 20140827**; DE 102009032760 B3 20110217; US 2011030591 A1 20110210

DOCDB simple family (application)

EP 10006900 A 20100705; DE 102009032760 A 20090711; US 83308810 A 20100709