

Title (en)

Apparatus and method for postcombustion of heavy ash with high contents of unburnt matter

Title (de)

Vorrichtung und Verfahren zur Nachverbrennung von schwerer Asche mit hohem Gehalt an unverbrannten Komponenten

Title (fr)

Dispositif et procédé pour la postcombustion de cendre lourde à forte teneur de matière imbrûlée

Publication

EP 0931981 A2 19990728 (EN)

Application

EP 99200062 A 19990112

Priority

IT MI980051 A 19980115

Abstract (en)

An apparatus and method to promote the completion of the combustion of unburnt matter contained in ash arising from the combustion of solid fuel are described. The apparatus for the postcombustion of ash arising from the combustion of solid fuel comprises a combustion chamber (14) and an extractor (16) arranged so as to receive ash falling from the combustion chamber, the unburnt matter of said ash having to be burnt, said extractor comprising in turn a metallic belt (18) for ash transportation, said apparatus being characterized in that said conveyor belt is provided with parts or openings for the passage of combustion feeding air, said air thus passing through said ash during at least a part of the forward advancing stretch of said belt. <IMAGE>

IPC 1-7

F23J 1/00; **F23B 5/00**

IPC 8 full level

F23G 5/14 (2006.01); **F23J 1/00** (2006.01); **F23J 1/02** (2006.01)

CPC (source: EP)

F23B 5/00 (2013.01); **F23J 1/02** (2013.01); **F23G 2209/30** (2013.01)

Citation (applicant)

EP 0259967 A2 19880316 - FUJITSU LTD [JP]

Cited by

US2010180807A1; ITRM20090488A1; CN114704845A; DE102010052404A1; CN103477152A; AU2007253584B2; EA012796B1; CN1306213C; CN102187156A; EA014862B1; CN115452646A; US7311049B2; JP2009109191A; US8826835B1; WO2012098504A2; US10088233B2; US2011308435A1; CN102297434A; US2012031312A1; CN102374549A; US8733255B2; EP2416068A3; EP2397758A3; WO2007134874A1; WO2008142594A3; WO0109549A1; WO2005078346A1; US7849997B2; US7559725B2; WO2014013472A2; WO2011036587A3; WO03071189A1; WO2008023394A1; WO2010043504A1; EP2126469A1; JP2010501822A; WO03085323A1; KR100972420B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0931981 A2 19990728; **EP 0931981 A3 20000119**; **EP 0931981 B1 20031210**; AT E256270 T1 20031215; DE 69913395 D1 20040122; DE 69913395 T2 20041007; DK 0931981 T3 20040405; ES 2213327 T3 20040816; IT 1298162 B1 19991220; IT MI980051 A1 19990715

DOCDB simple family (application)

EP 99200062 A 19990112; AT 99200062 T 19990112; DE 69913395 T 19990112; DK 99200062 T 19990112; ES 99200062 T 19990112; IT MI980051 A 19980115