Title (en)
Method of treating incineration residues of an incineration plant

Title (de)
Verfahren zur Behandlung von Verbrennungsrückständen einer Verbrennungsanlage

Title (fr)
Procédé de traiter les résidues d'incinération d'un installation d'incinération

Publication
EP 1348905 B1 20050316 (DE)

Application
EP 03001178 A 20030121

Priority
DE 10213789 A 20020327

Abstract (en)
[origin: EP1348905A1] Typically 1000 kg of rubbish including 220 kg of incombustible material may be burnt on a grate. 800 kg of flue gases are produced. 100 kg of recirculated fine ash is added to the fuel bed. 300 kg of ash is removed from the fuel bed and washed with water producing 315 kg of wet material. This is sieved producing 215 kg of coarse fraction and 100 kg of fines for recirculation. Some of the fines may be removed for other uses. The coarse fraction is made of particles of diameter greater than 8 mm. 1000 liters of wash water from the ash from the fuel bed is circulated through the coarse material and removes and picks up 15 kg of fine particles and is recirculated. 40 liters of top-up water may be added. The coarse material is discharged after washing.

IPC 1-7
F23G 5/00; B03B 9/04

IPC 8 full level
F23J 1/02 (2006.01); **B03B 9/04** (2006.01); **F23G 5/00** (2006.01); **F23J 1/00** (2006.01)

CPC (source: EP US)
B03B 9/04 (2013.01 - EP US); **F23G 5/006** (2013.01 - EP US); **F23J 1/00** (2013.01 - EP US); F23G 2201/602 (2013.01 - EP US); F23G 2202/106 (2013.01 - EP US); F23G 2209/30 (2013.01 - EP US); F23J 2900/01001 (2013.01 - EP US); F23J 2900/01005 (2013.01 - EP US)

Cited by
US9216419B2; WO2015007314A1; WO2014090601A1; WO2012119737A1; WO2012119739A3; EP2668445B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
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