

Title (en)

METHOD FOR INERTING ASH, ARTIFICIAL POZZOLAN OBTAINED BY SAID METHOD

Title (de)

VERFAHREN ZUM INERTISIEREN VON ASCHEN, UND DAMIT HERGESTELLTES KÜNSTLICHES PUZZOLAN

Title (fr)

PROCEDE POUR L'INERTAGE D'UNE CENDRE, POUZZOLANE ARTIFICIELLE OBTENUE AU MOYEN DUDIT PROCEDE

Publication

EP 1343734 A2 20030917 (FR)

Application

EP 01985901 A 20011212

Priority

- EP 0114983 W 20011212
- FR 0016453 A 20001213

Abstract (en)

[origin: FR2817858A1] The invention concerns a method for inerting ash derived from urban waste incineration which consists in successively treating (19) the ash with a water-soluble phosphate (20) in the presence of water, in conditions adjusted to crystallise the hydroxylapatite and/or the whitlockite and calcining (22) it. The invention also concerns an artificial pozzolan obtained by subjecting ash derived from urban waste incineration to said inerting method.

IPC 1-7

C04B 18/10; **C04B 12/02**; **A62D 3/00**

IPC 8 full level

B09B 3/00 (2006.01); **C01B 25/32** (2006.01); **C04B 12/02** (2006.01); **C04B 18/10** (2006.01)

CPC (source: EP US)

C04B 12/025 (2013.01 - EP US); **C04B 18/106** (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP US)

Citation (search report)

See references of WO 0248066A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

FR 2817858 A1 20020614; **FR 2817858 B1 20030207**; AU 2002235790 B2 20060706; AU 3579002 A 20020624; BR 0116128 A 20031104; CA 2431252 A1 20020620; CN 1258492 C 20060607; CN 1518528 A 20040804; EP 1343734 A2 20030917; JP 2004526555 A 20040902; JP 4022469 B2 20071219; MX PA03005306 A 20040326; PL 361803 A1 20041004; US 2004055519 A1 20040325; US 2005188904 A1 20050901; US 6962119 B2 20051108; US 7128006 B2 20061031; WO 0248066 A2 20020620; WO 0248066 A3 20020919

DOCDB simple family (application)

FR 0016453 A 20001213; AU 2002235790 A 20011212; AU 3579002 A 20011212; BR 0116128 A 20011212; CA 2431252 A 20011212; CN 01822621 A 20011212; EP 0114983 W 20011212; EP 01985901 A 20011212; JP 2002549604 A 20011212; MX PA03005306 A 20011212; PL 36180301 A 20011212; US 11729705 A 20050429; US 45004303 A 20031029