

Title (en)

SILO FOR STORING BULK PRODUCTS, IN PARTICULAR DRIED SLUDGE FROM WATER TREATMENT PLANTS

Title (de)

SILO ZUR LAGERUNG VON SCHÜTTGUTPRODUKTEN, INSBESONDERE VON GETROCKNETEM SCHLAMM AUS WASSERBEARBEITUNGSANLAGEN

Title (fr)

SILO POUR LE STOCKAGE DE PRODUITS EN VRAC, NOTAMMENT DES BOUES SECHEES DE STATIONS D'EPURATION

Publication

**EP 2094588 A2 20090902 (FR)**

Application

**EP 07871866 A 20071214**

Priority

- FR 2007002075 W 20071214
- FR 0611015 A 20061218

Abstract (en)

[origin: FR2909984A1] The silo (S) has a cylindrical outer envelope (1) including top and bottom parts (1a, 1b) and formed of a metallic material. The envelope includes an inlet (E) and outlet (A) for bulk products. A top cap (2) closes the silo in the top part, and an evacuating device closes the silo in the bottom part. A metallic inner chimney (5) communicates with atmosphere in top and bottom parts, where inner volume of the chimney is free to circulate the air and evacuate the heat. The envelope and chimney are made of steel sheet.

IPC 8 full level

**B65D 88/08** (2006.01); **B65D 88/74** (2006.01)

CPC (source: EP US)

**B65D 88/08** (2013.01 - EP US); **B65D 88/744** (2013.01 - EP US)

Citation (search report)

See references of WO 2008087301A2

Citation (examination)

INERIS: "Méthodes pour l'évaluation et la prévention des risques accidentels. Connaissance des phénomènes d'autoéchauffement des solides combustibles", 1 February 2005 (2005-02-01), Retrieved from the Internet <URL:http://www.ineris.fr/centredoc/omega11web.pdf> [retrieved on 20120210]

Cited by

CN103003941A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2909984 A1 20080620**; **FR 2909984 B1 20101210**; BR PI0721353 A2 20140225; CA 2672774 A1 20080724; CN 101563277 A 20091021; EP 2094588 A2 20090902; RU 2009127804 A 20110127; US 2010126694 A1 20100527; WO 2008087301 A2 20080724; WO 2008087301 A3 20080912

DOCDB simple family (application)

**FR 0611015 A 20061218**; BR PI0721353 A 20071214; CA 2672774 A 20071214; CN 200780046723 A 20071214; EP 07871866 A 20071214; FR 2007002075 W 20071214; RU 2009127804 A 20071214; US 51938107 A 20071214