

REVISED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
12 February 2009 (12.02.2009)

PCT

(10) International Publication Number
WO 2009/019609 A9

(51) International Patent Classification:
C02F 11/14 (2006.01)

(21) International Application Number:
PCT/IB2008/002803

(22) International Filing Date: 28 April 2008 (28.04.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/824,808 3 July 2007 (03.07.2007) US

(71) Applicant and

(72) Inventor: O'REILLY, Dominick [IE/IE]; Carton North,
Tooreen, Ballyhannis, Conayo (IE).

(74) Agent: GIBSON, Sarah, Jane; Boulton Wade Tennant,
Verulam Gardens, 70 Gray's Inn Road, London WC1X
8BT (GB).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE,
EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID,

IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC,
LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN,
MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV,
SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN,
ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,
NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,
CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
9 April 2009

Date of publication of the revised international search
report:
6 August 2009

(15) Information about Correction:
see Notice of 6 August 2009

(54) Title: AN IMPROVED WASTE TREATMENT SYSTEM

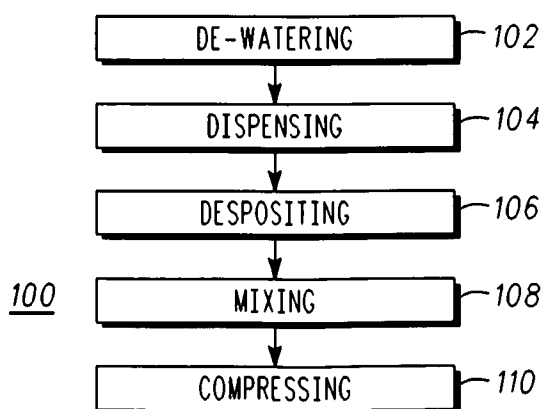


Fig. 3

(57) Abstract: A system for removing water from sludge is disclosed. The system (100) includes: de-watering (102) sludge comprising an output from a wastewater treatment system to form a semi-solid sludge cake; dispensing (104) the sludge in a sludge hopper and dispensing a blending material in a recipient blending material hopper; depositing (106) the sludge and the blending material in a mixing device; mixing (108) the sludge and the blending material having a porous structure in a weight ratio of the sludge to the blending material of about from 2: 1 to about 10:1; and compressing (110) the sludge and the blending material to release moisture. Advantageously, the system (100) provides an improved method of de-watering sludge, for more efficient processing, transporting and recycling, depending on the application.

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INTERNATIONAL SEARCH REPORT

corrected version

International application No

PCT/IB2008/002803

A. CLASSIFICATION OF SUBJECT MATTER
INV. C02F11/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

11 February 2009

Date of mailing of the international search report

23-06-2009

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Rozanska, Agnieszka

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2008/002803

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