



(51) International Patent Classification:

B01F 7/04 (2006.01) **B09B 3/00** (2006.01)
C05F 17/02 (2006.01) **B01F 7/00** (2006.01)

(21) International Application Number:

PCT/SG2013/000524

(22) International Filing Date:

10 December 2013 (10.12.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1222641.1 14 December 2012 (14.12.2012) GB

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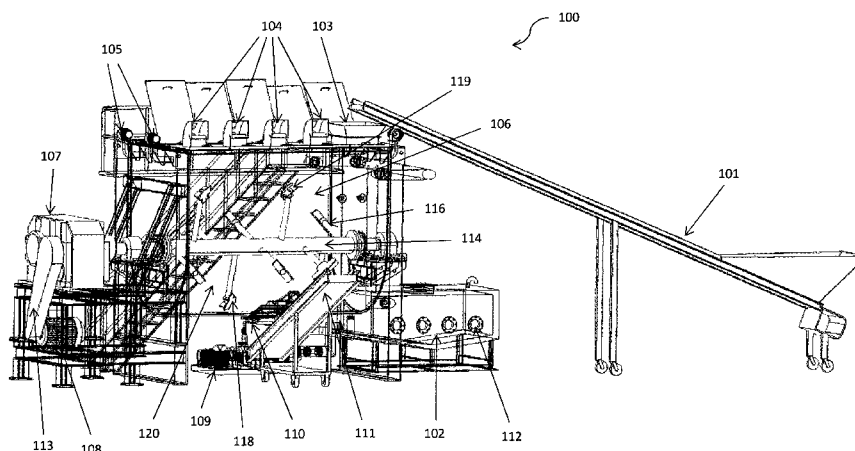
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: APPARATUS AND SYSTEM FOR TREATING ORGANIC MASS



(57) Abstract: An apparatus for treating organic mass. The apparatus comprises a treatment chamber and agitation means provided in the chamber to agitate the organic mass. The agitation means comprises a rotatable shaft extending through the chamber, a plurality of agitator arms extending from the shaft, and a paddle connected to each agitator arm. The paddle is arranged to make a first angle with respect to the longitudinal axis of the agitator arm and a second angle with respect to the longitudinal axis of the shaft. There is also provided a system for recycling ammonia generated from the treated organic mass by the apparatus.