

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 September 2007 (20.09.2007)

PCT

(10) International Publication Number
WO 2007/104954 A3

(51) International Patent Classification:

F23G 5/027 (2006.01) *F23J 15/04* (2006.01)
F23G 5/40 (2006.01)

(21) International Application Number:

PCT/GB2007/000853

(22) International Filing Date: 12 March 2007 (12.03.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

GB 0604907.6 10 March 2006 (10.03.2006) GB

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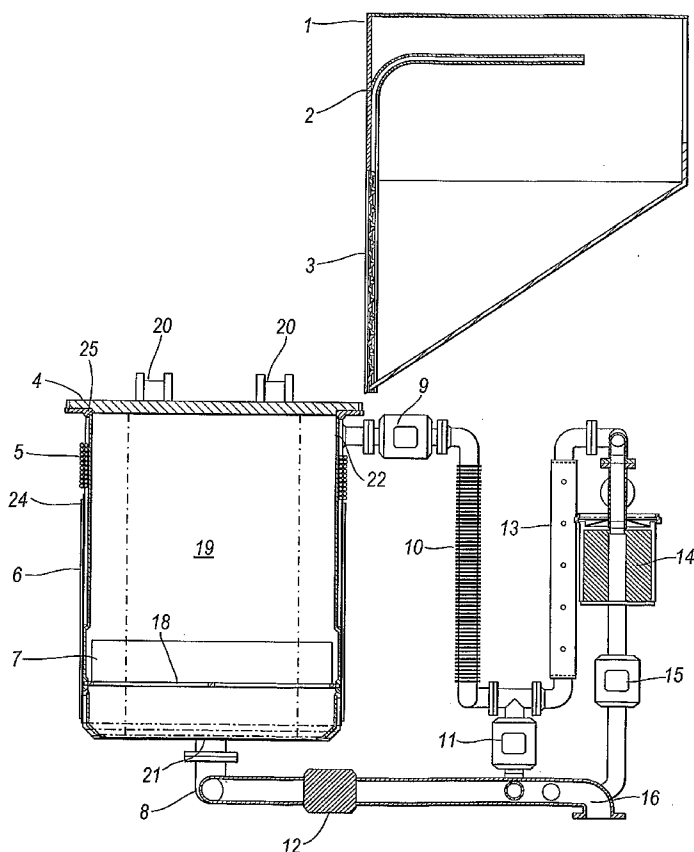
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, 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, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: WASTE TREATMENT APPARATUS AND METHOD



(57) Abstract: In apparatus and method for waste treatment by pyrolysis, treated waste is flushed through a grid (18) to trap recyclable material in the pyrolysis chamber (24). Pyrolysis is carried out at a temperature of from 400-700°C and off-gases are dissolved in a solution in scrubber (13) for disposal in a water course. Water is introduced into the chamber as superheated steam via pipes (5) so as both to flush away treated material and clean the chamber. Recyclable waste is separated from non-recyclable by treating non-recyclable waste by pyrolysis, and flushing treated non-recyclable waste away through liquid exhaust (8). Apparatus is made as a modular, free-standing unit and comprises plugs for connection to an electricity supply, to a water supply, and to a sewerage system (16) and has a chamber with a volume in the range 0.01-0.5m³.

WO 2007/104954 A3



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

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

15 November 2007