

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number
WO 2005/022038 A2

(51) International Patent Classification⁷:

F23G

(74) Agent: **FESSENMAIER, Martin**; Rutan & Tucker, LLP,
611 Anton Blvd., Suite 1400, Costa Mesa, CA 92626 (US).

(21) International Application Number:

PCT/US2004/027154

(22) International Filing Date: 10 August 2004 (10.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/497,397

21 August 2003 (21.08.2003)

US

(71) Applicant (for all designated States except US): **INTERNATIONAL ENVIRONMENTAL SOLUTIONS CORPORATION** [US/US]; 26585 Sherman Road, Romoland, CA 92585 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **COLE, Cameron** [US/US]; International Environmental Solutions Corporation, 26585 Sherman Road, Romoland, CA 92585 (US). **TORRES, Raul de la** [US/US]; International Environmental Solutions Corporation, 26585 Sherman Road, Romoland, CA 92585 (US). **COLE, Toby, L.** [US/US]; International Environmental Solutions Corporation, 26585 Sherman Road, Romoland, CA 92585 (US). **WATTS, Dan** [US/US]; International Environmental Solutions Corporation, 26585 Sherman Road, Romoland, CA 92585 (US).

(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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

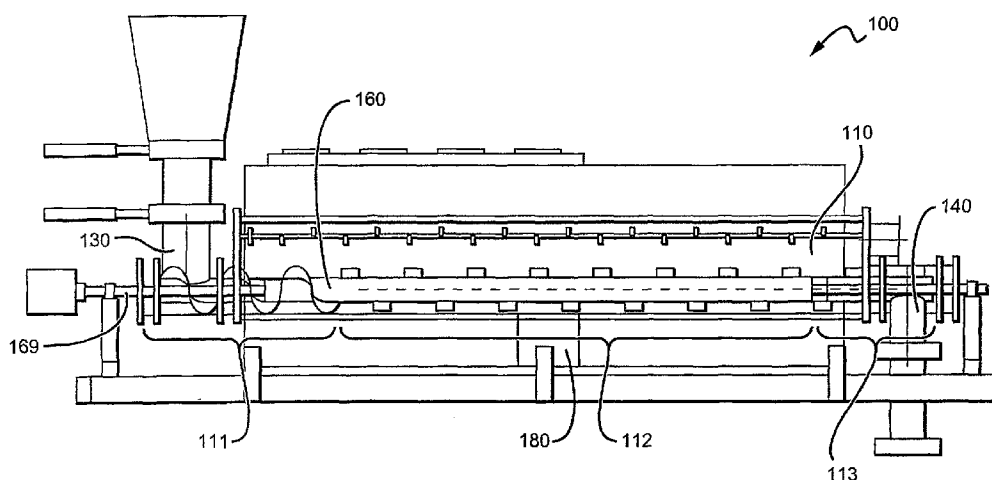
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, 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).

Published:

— without international search report and to be republished upon receipt of that report

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.

(54) Title: CHAMBER SUPPORT FOR PYROLYTIC WASTE TREATMENT SYSTEM



(57) Abstract: The inventive subject matter is directed toward a pyrolytic waste treatment system having a pyrolysis chamber supported in a manner that causes minimal movement or flexing of the chamber as the temperature of the chamber changes. Preferred solutions utilize support structures made from materials having low coefficients of thermal expansion, and structures adapted to allow chambers to expand and contract with temperature changes.

WO 2005/022038 A2