

(19) World Intellectual Property
Organization
International Bureau



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

PCT

(10) International Publication Number
WO 2005/022040 A3

(51) International Patent Classification⁷: **F23J 1/00**

(21) International Application Number:
PCT/US2004/027234

(22) International Filing Date: 19 August 2004 (19.08.2004)

(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, California 92585 (US).

(72) Inventors; and

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

[US/US]; International Environmental Solutions Corporation, 26585 Sherman Road, Romoland, California 92585 (US). **WATTS, Dan** [US/US]; International Environmental Solutions Corporation, 26585 Sherman Road, Romoland, California 92585 (US).

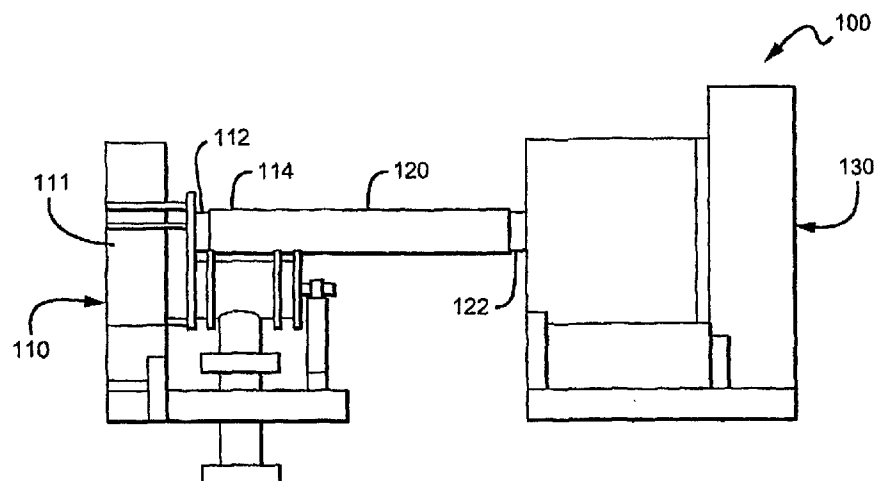
(74) Agent: **FESSENMAIER, Martin**; Rutan & Tucker, LLP, 611 Anton Blvd., Suite 1400, Costa Mesa, CA 92626 (US).

(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),

[Continued on next page]

(54) Title: OUTLETS FOR A PYROLYTIC WASTE TREATMENT SYSTEM



(57) Abstract: The inventive subject matter is directed toward a pyrolytic waste treatment system comprising an outlet adapted to channel a composition out of a pyrolysis chamber. A mechanism is used for cleaning the outlet during operation of the pyrolytic system.

WO 2005/022040 A3



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:

- *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:
30 June 2005

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.