

23/9/02
2002057834.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 October 2001 (04.10.2001)

PCT

(10) International Publication Number
WO 01/73348 A1

- (51) International Patent Classification⁷: **F23L 17/02** (74) Agents: KURTZ, Richard, E. et al.; Woodcock Washburn Kurtz MacKiewicz & Norris LLP, One Liberty Place, 46th floor, Philadelphia, PA 19103 (US).
- (21) International Application Number: PCT/US01/05786
- (22) International Filing Date: 22 February 2001 (22.02.2001) (81) Designated States (*national*): CN, JP, SG.
- (25) Filing Language: English (84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- (26) Publication Language: English
- (30) Priority Data:
09/537,892 29 March 2000 (29.03.2000) US
Published:
— with international search report
- (71) Applicant: MET PRO CORPORATION [US/US]; 160 Cassell Road, P.O. Box 144, Harleysville, PA (US).
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.
- (72) Inventors: TETLEY, Paul, Antony; 445 Merion Drive, Newtown, PA 18940 (US). GANS, Charles, A.; 14 Montgomery Drive, Harleysville, PA 19438 (US).



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ACTION

WO 01/73348 A1

(54) Title: ACOUSTIC WIND BAND

(57) Abstract: An apparatus, system and method for improving air entrainment and sound attenuation of gases being discharged from one or more outlet portions (5) of an exhausting device (4) using an acoustic wind band (2). The acoustical wind band helps improve entrainment of ambient environmental air with the exhaust gases being discharged from the exhausting device resulting in a tight plume of high velocity flow which improves the effective stack height of the exhausting device. This is achieved by positioning the sections (3a, 3b) of the acoustical wind band in spaced relation thus forming passages (21, 26) that allow outside ambient environmental air to flow into the acoustical wind band to mix with and dilute the exhausting gas. The sections may be positioned extending upward and inward at an angle to further enhance the entrainment of ambient environmental air with the flow of exhaust gas from the gas exhaust device.