

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/076864 A3

(51) International Patent Classification⁷: **F24F 7/00**

(21) International Application Number:
PCT/US2005/003198

(22) International Filing Date: 2 February 2005 (02.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/773,662 6 February 2004 (06.02.2004) US

(71) Applicant and

(72) Inventor: **GEORGE, Fred** [US/US]; 150 Old Stonewall Road, Easton, CT 06612 (US).

(74) Agents: **LIPSITZ, Barry, R.** et al.; Lipsitz & McAllister, LLC, 755 Main Street, Building No. 8, Monroe, CT 06468 (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, SM, 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, IS, IT, LT, 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).

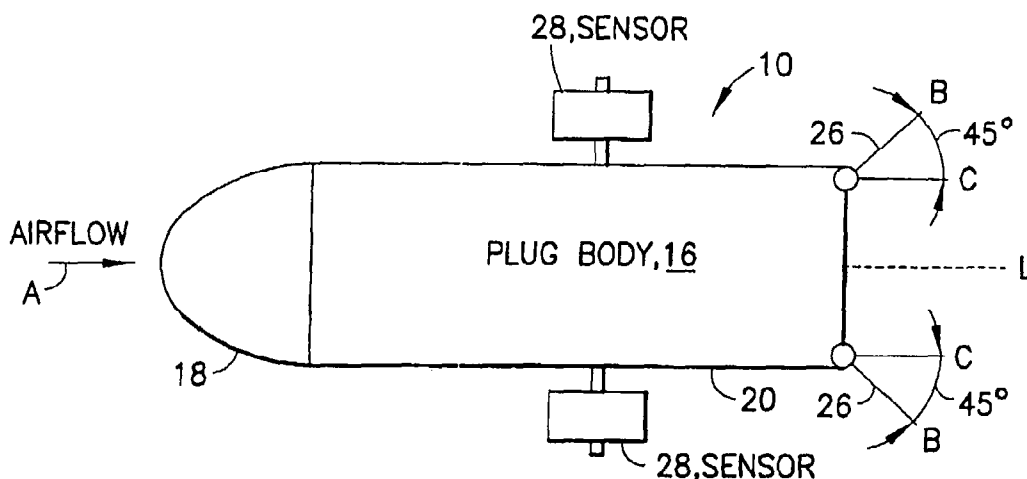
Published:

- 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:
22 December 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.

(54) Title: MULTI-VALVE DAMPER FOR CONTROLLING AIRFLOW AND METHOD FOR CONTROLLING AIRFLOW



(57) Abstract: The present invention relates to a multi-valve damper which divides a section of an airflow duct into at least two airflow sections. The damper has a plug body having a proximal end and a distal end. The plug body is adapted to separate a section of an airflow duct into at least two airflow sections. At least two damper blades may be mounted on the distal end of the plug body, each of the damper blades controlling airflow in a respective airflow section. At least one airflow sensor may be provided in each of the airflow sections for controlling the respective damper blades. An actuator mechanism responsive to the sensors may be provided for opening and closing the damper blades.

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