



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B01D 27/06	A1	(11) International Publication Number: WO 98/17368
		(43) International Publication Date: 30 April 1998 (30.04.98)

(21) International Application Number: PCT/US97/18482

(22) International Filing Date: 15 October 1997 (15.10.97)

(30) Priority Data: 60/028,786 18 October 1996 (18.10.96) US

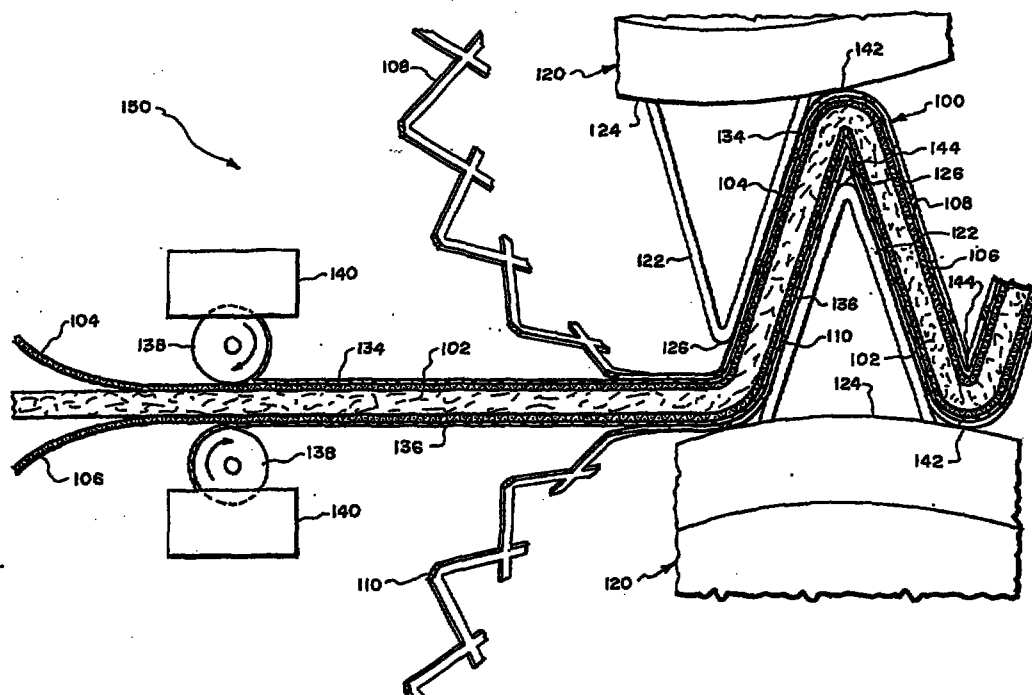
(71)(72) Applicant and Inventor: CHAPMAN, Rick, L. [US/US];
1977 Valley Meadow, Oakview, CA 93022 (US).(74) Agent: JACOBS, Marvin, E.; Koppel & Jacobs, Suite 215,
2151 Alessandro Drive, Ventura, CA 93001 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: HIGH EFFICIENCY PERMANENT AIR FILTER



(57) Abstract

An air filter for use in residential and commercial heating and air conditioning systems including a laminated unit (100) having a filter media (102) where either side of the filter media (102) has a porous layer (104, 106) of passive electrostatic netting. The air filter has a corrugation configuration (142, 144) to increase the available surface area when compared to conventional flat filters.