



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : B01D 35/30	A1	(11) International Publication Number: WO 00/23170 (43) International Publication Date: 27 April 2000 (27.04.00)
(21) International Application Number: PCT/SE99/01874 (22) International Filing Date: 19 October 1999 (19.10.99) (30) Priority Data: 9803626-2 22 October 1998 (22.10.98) SE (71) Applicant (for all designated States except US): ABB FLÄKT AB [SE/SE]; S-120 86 Stockholm (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): TORKESSON, Stig [SE/SE]; Långdhoppsvägen 12, S-564 34 Bankeryd (SE). JOHNSON, Lars [SE/SE]; Beckasinvägen 13, S-556 25 Jönköping (SE). EYERS, Peder [SE/SE]; Norgårdsplan 4A, S-553 37 Jönköping (SE). (74) Agent: SIEBMANN, H.; Gotapatent AB, P.O. Box 154, S-561 22 Huskvarna (SE).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> <i>In English translation (filed in Swedish).</i>

(54) Title: FILTERING APPARATUS FOR AIR TREATMENT APPARATUS**(57) Abstract**

The invention relates to a filtering apparatus for an air treatment apparatus (5), a superior purity of the filtered air being required. The apparatus comprises a plurality of filter cartridges (3), provided with filters (2) and inserted into one cassette (4) each. The cassettes are fastened in the air treatment apparatus and the filter cartridges (3) have, on their side, which is turned towards the incoming air stream, a seal (6), which extends in an axial direction and around the periphery and axially abuts a surface, which is oriented radially in relation to the air stream and the apparatus or the like respectively and which surrounds an outlet opening (9), defined by each filter cartridge. According to the invention said surface comprises a sealing sheet (21), which

with the exception of said opening and openings (9) respectively is disposed in a continuous radial sealing cross section-plane through the entire air treatment apparatus or the like (5) and extends outwards in a radial direction through the outer wall (10) of the apparatus at a joint (23).

