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(21) International Application Number: PCT/US97/12290 (22) International Filing Date: 9 July 1997 (09.07.97) (30) Priority Data: 08/678,301 11 July 1996 (11.07.96) US (71) Applicant: DONALDSON COMPANY, INC. [US/US]; 1400 West 94th Street, Minneapolis, MN 55440-1299 (US). (72) Inventors: NEPSUND, Larry, R.; 4957 Credit River Drive, Savage, MN 55378 (US). ABRAHAMSON, Kathleen, A.; 16556 Franklin Trail, Prior Lake, MN 55372 (US). BOECKERMANN, Thomas, A.; 10127 173rd Street West, Lakeville, MN 55044 (US). ELFSTRAND, James, K.; 2071 Pinewood Drive, Moundsview, MN 55112 (US). (74) Agent: BRUESS, Steven, C.; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).		(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, HU, 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, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, 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 <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>
(54) Title: FILTER ARRANGEMENT INCLUDING REMOVABLE FILTER WITH FIRST AND SECOND MEDIA SECURED TOGETHER		
(57) Abstract		
<p>A filter arrangement is provided. The filter arrangement generally includes an air filter (12) having an upstream surface (28) with a prefilter (4) positioned thereon. The prefilter preferably includes at least two layers of depth media (34, 35). In preferred systems, the prefilter includes two layers of depth media secured to one another by stitching (37, 40). In certain preferred arrangements disclosed, the prefilter includes an upstream layer of fibrous depth media (34) and a downstream layer of foam depth media (35), with two layers stitched to one another along peripheral edges. The invention also concerns provision of prefilters, and also air filter arrangements which include housings having air filters with prefilters according to the present invention operably positioned therein. Methods of construction and use are also provided.</p>		