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(71) Applicant (for all designated States except US): **DON-ALSON COMPANY, INC.** [US/US]; 1400 WEST 94TH STREET, P.O. Box 1299, Minneapolis, Minnesota 55440-1299 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KALAYCI, Veli** [TR/US]; 12521 Portland Avenue South, #418, Burnsville, Minnesota 55337 (US). **CROFOOT, Douglas** [US/US]; 2501 West 140th Street, Burnsville, Minnesota 55337 (US). **GRAFE, Timothy** [US/US]; 4242 Grimes Avenue South, Edina, Minnesota 55416 (US). **GRAHAM, Kristine, M.** [US/US]; 3212 Chase Drive, Minnetonka, MN 55305 (US).

(74) Agent: **BRUESS, Steven, C.**; **MERCHANT & GOULD** P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

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(54) Title: REDUCED SOLIDITY WEB COMPRISING FIBER AND FIBER SPACER

(57) Abstract: A web can comprise a substantially continuous fiber mass and a separation means dispersed into the fiber. The web having a preferred thickness resulting from forming a polymer material and a particulate into a fine fiber layer can have a variety of end uses. A filtration media can include a structure comprising such a web of fine fiber and a substantial volume of particulate embodiment of the separation means. The resulting fine fiber structure provides an improved filtration medium having substantial depth, thickness, and a layered structure. The improved properties of the web results from inclusion of the separation or spacer particulate.



WO 2006/089063 A3

INTERNATIONAL SEARCH REPORT

International application No
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<p>A. CLASSIFICATION OF SUBJECT MATTER INV. B01D39/16</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>														
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) B01D</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal</p>														
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 5 681 469 A (BARBOZA ET AL) 28 October 1997 (1997-10-28) column 7, paragraph 3 - paragraph 4; claims</td> <td>1-31</td> </tr> <tr> <td>A</td> <td>US 4 100 324 A (ANDERSON ET AL) 11 July 1978 (1978-07-11) claims</td> <td>1-31</td> </tr> <tr> <td>A</td> <td>US 5 486 410 A (GROEGER ET AL) 23 January 1996 (1996-01-23) the whole document</td> <td>1-31</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 5 681 469 A (BARBOZA ET AL) 28 October 1997 (1997-10-28) column 7, paragraph 3 - paragraph 4; claims	1-31	A	US 4 100 324 A (ANDERSON ET AL) 11 July 1978 (1978-07-11) claims	1-31	A	US 5 486 410 A (GROEGER ET AL) 23 January 1996 (1996-01-23) the whole document	1-31
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