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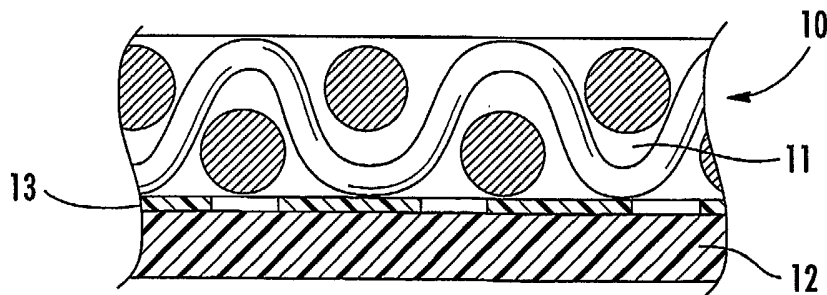
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(54) Title: OUTDOOR FABRIC



(57) Abstract: A unique and novel durable environmentally stabilized, waterproof, and moisture vapor permeable composite sheet material is described that includes a moisture permeable monolithic film, coating, or film/nonwoven laminate, that is held in close proximity to one or more layers of durable strength enhancing fabrics. The strength enhancing fabrics can include cotton, polyester, cotton/polyester blends, acrylic, and other synthetic materials and blends. The breathable monolithic film or coating is preferably polyester or polyurethane based. The breathable and durability enhancing layers are preferably laminated using hot melt adhesives such as polyester-based powder bond adhesives or using solvent-based polyurethane adhesives. The disclosed composite sheet material is uniquely designed for use in tents, tarps, mooring and trailerable boat and personal watercraft (PWC) covers, marine and outdoor furniture upholstery, inflatables, and other outdoor applications requiring waterproofness and breathability during extended outdoor exposure.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B32B27/18 B32B27/12 B32B5/26 C08K5/3415 C08K5/00
 C08K3/04 D06M17/04 D06M17/08 D06M17/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B32B C08K D06M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
 EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	column 2, lines 36-38 - column 3, lines 33-35; claims 1, 4, 7, 12, 13, 16-18, 21; example 1	2, 3, 15-17
A	column 7, line 12 - column 8, line 49 column 9, line 16 - column 10, line 56 column 12, lines 6, 7 - column 16, line 27	11, 15
Y	WO 99/62997 A (DIJKSTRA KRIJN ; DSM NV (NL); GIJSMAN PIETER (NL)) 9 December 1999 (1999-12-09) claims 1, 8-11	2, 3, 15-17
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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A document defining the general state of the art which is not considered to be of particular relevance	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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O document referring to an oral disclosure, use, exhibition or other means	*&* document member of the same patent family
P document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 9 December 2004	Date of mailing of the international search report 16/12/2004
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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