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(54) **Spacer fabric knitting method and spacer fabric**

(57) Configuration: A spacer fabric (2) is knitted, including: a front knitted fabric (4); a rear knitted fabric (6); and a connecting yarn (22, 24) that connects the front knitted fabric (4) and the rear knitted fabric (6); wherein one of the front and the rear knitted fabrics (4, 6) is convex and the other knitted fabric is flat. Tuck stitches are repeatedly formed with the connecting yarn (22, 24) alternately on stitches in the front knitted fabric (4) caught on a needles (20) and stitches in the rear knitted fabric (6) caught on a needles (20) such that the tuck stitches are formed at a pitch of a plurality of stitches both on the front knitted fabric (4) and on the rear knitted fabric (6), but are not formed on mutually opposing stitches, while stitches to be tucked are changed such that the tuck stitches are formed on each stitch of the front knitted fabric (4) and the rear knitted fabric (6). Subsequently, next stitches are knitted at a pitch of a plurality of stitches on the stitches of the front knitted fabric (4) on which the tuck stitches have been formed, and next stitches are knitted at a pitch of a plurality of stitches on the stitches of the rear knitted fabric (6) on which the tuck stitches have been formed. The next stitches are knitted on each stitch of the front knitted fabric (4) and the rear knitted fabric (6) on which the tuck stitches have been formed, while changing stitches for forming the next stitches. The next stitches are knitted firstly on the knitted fabric on the side that is to be made flat, and the next stitches are knitted lastly on the tuck stitches in the knitted fabric on the side that is to be made convex, which is connected

via the connecting yarn (22, 24) to the tuck stitches on which the next stitches has been firstly knitted.

Effects: The present invention provides a spacer fabric (2) in which one of the front and the rear knitted fabrics (4, 6) is convex and the other knitted fabric is flat and in which knitted fabrics may be convex at desired positions.

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EUROPEAN SEARCH REPORT

Application Number
EP 12 00 6563

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	DE 20 2006 016338 U1 (ACHTER GMBH & CO KG GEB [DE]) 4 January 2007 (2007-01-04) * paragraphs [0010], [0020], [0022], [0023]; claims 1, 7, 11; figures 1, 3 *	1-3,5	INV. D04B1/22
A	WO 92/13125 A1 (COURTAULDS ADVANCED MATERIALS [GB]) 6 August 1992 (1992-08-06) * page 3, line 22 - page 6, line 17; claims 1, 2, 9, 15, 16; figures 1-6 *	1,5	
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			D04B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 20 September 2013	Examiner Sterle, Dieter
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82