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### (54) SKELETON YARN AND DENIM FABRIC

(57) Disclosed is a skeleton yarn comprising a core-ply stretch yarn (1) positioned at the center, a middle-ply fine fiber or fine yarn (2) spun made of fiber coating the surface of the core-ply stretch yarn, and an outer-ply coarse fiber or coarse yarn (3) spun made of fiber coating the surface of the middle-ply fine fiber or fine yarn spun made of fiber, wherein the middle-ply fine fiber or fine

yarn spun made of fiber is a high twist fiber, and the outer-ply coarse fiber or coarse yarn spun made of fiber is a loose twist fiber. A novel retro denim fabric made from the skeleton yarn can be subjected to a normal post-finishing shrinking process, and the problems of unstable garment model and the like caused by unstable washing shrinkage can be avoided.

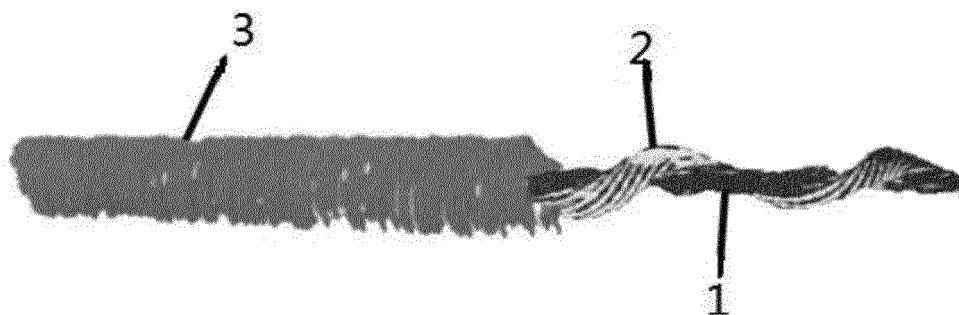


Figure 3



## EUROPEAN SEARCH REPORT

Application Number  
EP 19 16 3571

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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45	The present search report has been drawn up for all claims		
1	Place of search Munich	Date of completion of the search 28 January 2020	Examiner Pollet, Didier
50	CATEGORY OF CITED DOCUMENTS 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	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	
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50	<p>The present search report has been drawn up for all claims</p> <table border="1"> <tr> <td>Place of search</td> <td>Date of completion of the search</td> <td>Examiner</td> </tr> <tr> <td>Munich</td> <td>28 January 2020</td> <td>Pollet, Didier</td> </tr> </table> <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 &amp; : member of the same patent family, corresponding document</p>			Place of search	Date of completion of the search	Examiner	Munich	28 January 2020	Pollet, Didier
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Munich	28 January 2020	Pollet, Didier							
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ANNEX TO THE EUROPEAN SEARCH REPORT  
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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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