

Title (en)  
WOVEN/KNIT FABRIC INCLUDING CRIMPED FIBER AND BECOMING RUGGED UPON HUMIDIFICATION, PROCESS FOR PRODUCING THE SAME, AND TEXTILE PRODUCT

Title (de)  
BEI BEFEUCHTUNG VERWELLENDE WEB- ODER MASCHENWARE AUS KRÄUSELFASER, HERSTELLUNGSVERFAHREN DAFÜR SOWIE TEXTILERZEUGNIS

Title (fr)  
TISSU TISSÉ/TRICOTÉ COMPRENANT UNE FIBRE BOUCLÉE ET DEVENANT JARREUX À L HUMIDITÉ, PROCÉDÉ DE FABRICATION IDOINE, ET PRODUIT TEXTILE

Publication  
**EP 1801274 A4 20140528 (EN)**

Application  
**EP 05795767 A 20051013**

Priority  
• JP 2005019245 W 20051013  
• JP 2004301219 A 20041015

Abstract (en)  
[origin: WO2006041200A1] A woven/knit fabric which becomes rugged upon humidification and loses the ruggedness upon drying. The fabric comprises: crimped fibers (A) whose percentage crimp decreases upon humidification; and fibers (B) comprising non-crimped fibers and/or crimped fibers whose percentage crimp does not substantially change upon humidification. The percentage change in ruggedness of this woven/knit fabric as calculated from the thickness of the dry fabric (TD) and the thickness of the humidified fabric (TW) using the following equation: Percentage change in ruggedness (%) = ((TW-TD)/TD)×100 is 5% or higher.

IPC 8 full level  
**D04B 1/20** (2006.01); **A41B 17/00** (2006.01); **D01F 8/12** (2006.01); **D03D 15/567** (2021.01); **D04B 21/00** (2006.01); **D06C 7/00** (2006.01)

CPC (source: EP KR US)  
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Citation (search report)  
• [E] EP 1640488 A1 20060329 - TEIJIN FIBERS LTD [JP]  
• [A] JP 2003082543 A 20030319 - TEIJIN LTD  
• See references of WO 2006041200A1

Cited by  
US9896788B2; WO2009106785A1; WO2013186528A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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