

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 A1 20070627 (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)  
**A41D 31/145** (2019.01 - EP US); **D01D 5/22** (2013.01 - EP US); **D03D 15/567** (2021.01 - EP US); **D04B 1/16** (2013.01 - EP US); **D04B 1/20** (2013.01 - KR); **D04B 21/00** (2013.01 - KR); **D04B 21/16** (2013.01 - EP US); **D06C 7/00** (2013.01 - KR); **D06C 7/02** (2013.01 - EP US); **A41D 31/125** (2019.01 - EP US); **D10B 2401/02** (2013.01 - EP US); **D10B 2403/0114** (2013.01 - EP US); **D10B 2403/02** (2013.01 - EP US); **D10B 2403/023** (2013.01 - EP US); **D10B 2403/0331** (2013.01 - EP US); **Y10T 442/3065** (2015.04 - EP US); **Y10T 442/425** (2015.04 - EP US)

Cited by  
US9896788B2; WO2009106785A1; WO2013186528A1

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