

Title (en)  
Pile fabric

Title (de)  
Polgewebe

Title (fr)  
Tissu à poils

Publication  
**EP 2534987 A1 20121219 (EN)**

Application  
**EP 12169989 A 20120530**

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JP 2011147735 A 20110615

Abstract (en)  
An object of the present invention is to provide a pile fabric which has an excellent texture and sense of touch and has a quick drying property. For the purpose of achieving the object, the present invention is a pile fabric formed of two types of pile yarns, namely, a long loop pile yarn made of a natural fiber material having a thickness of a yarn count of from 5 to 60 in terms of the cotton count and a short loop pile yarn made of an ultrafine synthetic fiber having a fineness of 0.6 dtex or less as a material, wherein the mixing proportion by weight of the natural fiber material to be the long loop pile yarn is 80 to 20% by weight and the mixing proportion by weight of the ultrafine synthetic fiber to be the short loop pile yarn is 20 to 80% by weight.

IPC 8 full level  
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Citation (applicant)  
JP H0770875 A 19950314 - UCHIBORI TAORU KK

Citation (search report)  
• [IY] CN 102071517 A 20110525 - HONGWEI DUAN  
• [Y] US 2004224121 A1 20041111 - SHEPPARD JAMES MELVIN [US]  
• [A] WO 0024953 A1 20000504 - VOSSEN FROTTIERWEBEREI [DE], et al  
• [A] JP 2008079912 A 20080410 - KOWA CO  
• [AD] JP H0770875 A 19950314 - UCHIBORI TAORU KK  
• [A] WO 9610946 A1 19960418 - ACTUELLE TRICOT I BORAS AB [SE], et al  
• [A] US 2007269630 A1 20071122 - SILVER SCOTT H [US]  
• [A] JP H0327149 A 19910205 - TORAY INDUSTRIES  
• [A] US 3030691 A 19620424 - LAW MARVIN A  
• [A] JP 2000170056 A 20000620 - MATSUFUJI TERII KK  
• [IP] DATABASE WPI Week 201164, Derwent World Patents Index; AN 2011-M09094, XP002684922  
• [IP] DATABASE WPI Week 201161, Derwent World Patents Index; AN 2011-L24355, XP002684923

Cited by  
CN105926143A; CN113151964A; CN109183259A; CN103485113A; CN103710976A; CN107503032A; CN108660587A; CN112323210A; CN110331505A; CN114615917A; CN103668673A; EP3141643A3; US11286590B2; US11713524B2; WO2018140740A1; US10801139B2; WO2021083696A1

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