

Title (en)
STRETCHABLE COMPOSITE FABRIC AND CLOTHING PRODUCT THEREFROM

Title (de)
DEHNBARER VERBUNDSTOFF UND DARAUS HERGESTELLTES KLEIDUNGSSTÜCK

Title (fr)
TISSU COMPOSITE ETIRABLE ET PRODUIT D'HABILLEMENT OBTENU A PARTIR DUDIT TISSU

Publication
EP 1676944 A4 20070919 (EN)

Application
EP 04773816 A 20041018

Priority

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- JP 2004147410 A 20040518

Abstract (en)
[origin: EP1676944A1] A stretchable composite fabric appropriate to sports wear and under wear is a woven or knitted fabric including a composite yarns (A) formed from stretchable yarns (1) having a self-elongation of 5% or more upon absorbing water and an elongation at break of 200% or more and non-stretchable yarns (2) having a self-elongation less than 5% upon absorbing water, and yarns (B) including stretchable yarns (3) having a self-elongation less than 5% upon absorbing water and an elongation at break of 30% or more, wherein the yarns (1) and (2) in a sample taken from the composite fabric respectively have a length L1 and a length L2, the ratio L1/L2 is 0.9 or less, and the yarns (1) can self-elongate upon absorbing water and shrink upon drying.

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)

- [E] EP 1640488 A1 20060329 - TEIJIN FIBERS LTD [JP]
- [X] EP 1350872 A1 20031008 - FAYTEX CORP [US]
- [A] JP 2003082555 A 20030319 - TEIJIN LTD
- [A] JP H05311567 A 19931122 - UNITIKA LTD
- See references of WO 2005038112A1

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