

Title (en)

METHOD FO PRODUCING CELLULOSIC SHEATHS AROUND FIBERS OF TEXTILES AND TEXTILES PRODUCED THEREBY

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ZELLULOSISCHEN MÄNTELN UM TEXTILFASERN SOWIE DIE DAMIT HERGESTELLTEN TEXTILIEN

Title (fr)

PROCEDE DE PRODUCTION DE GAINES CELLULOSIQUES ATTACHEES AUTOUR DE FIBRES DE TEXTILES ET TEXTILES PRODUITS DE CETTE MANIERE

Publication

EP 1425461 A2 20040609 (EN)

Application

EP 02705954 A 20020124

Priority

- US 0202091 W 20020124
- US 26418101 P 20010125
- US 31635801 P 20010830

Abstract (en)

[origin: WO02059404A2] The present invention is directed to a method for treating a synthetic, man-made, or natural fiber substrate to create a permanently attached carbohydrate sheath around the fibers of the substrate. Such a treatment gives a composite fibrous substrate that exhibits the most desirable characteristics of the fiber core coupled with the most desirable characteristics of the carbohydrate sheath. It is also possible to apply this technology to individual synthetic fibers or yarns, if desired, before weaving, knitting, stitch-bonding or other method of woven or non-woven substrate formation.

IPC 1-7

D06M 15/03; **D06M 15/09**; **D06P 1/48**; **D06P 1/54**; **D06P 3/82**

IPC 8 full level

D06M 15/03 (2006.01); **D06M 15/09** (2006.01)

CPC (source: EP)

D06M 15/03 (2013.01); **D06M 15/09** (2013.01)

Citation (search report)

See references of WO 02059404A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02059404 A2 20020801; **WO 02059404 A3 20040219**; AU 2002240071 A1 20020806; CN 1520481 A 20040811; EP 1425461 A2 20040609; JP 2004526064 A 20040826

DOCDB simple family (application)

US 0202091 W 20020124; AU 2002240071 A 20020124; CN 02804928 A 20020124; EP 02705954 A 20020124; JP 2002559883 A 20020124