Title (en)
ABSORPTIVE FABRIC

Title (de)
ABSORBIERENDER STOFF

Title (fr)
TISSU ABSORBANT

Publication
EP 1216319 B1 20040407 (EN)

Application
EP 00960844 A 20000919

Priority
- GB 0003586 W 20000919
- US 40649099 A 19990927
- US 61203800 A 20000707

Abstract (en)
[origin: WO0123653A1] A composite fabric comprising a combination of a gel-forming yarn and a reinforcing yarn. A method of making a reinforced absorptive fabric comprising the steps of weaving, knitting or braiding together gel-forming yarn with reinforcing yarn, such that the network of reinforcing yarn provides structural integrity to the fabric independent of the gel-forming yarn. A composite fabric or structure may also comprise a composite yarn in which is incorporated both gel-forming fibre and reinforcing fibre. Gel-forming fabrics or structure may be made by first forming fabrics or structures of gel-forming fibre precursor and then converting the precursor to its gel-forming state.

IPC 1-7
D04B 1/14; D03D 15/00; D04C 1/02

IPC 8 full level
A61F 13/00 (2006.01); **D03D 1/00** (2006.01); **D03D 15/00** (2006.01); **D04B 1/14** (2006.01); **D04B 21/00** (2006.01); **D04C 1/02** (2006.01)

CPC (source: EP US)
D03D 3/02 (2013.01 - EP US); **D04B 1/12** (2013.01 - EP US); **D04B 1/123** (2013.01 - EP); D10B 2201/00 (2013.01 - EP); D10B 2331/02 (2013.01 - EP); D10B 2401/063 (2013.01 - EP); D10B 2403/0114 (2013.01 - EP); D10B 2509/022 (2013.01 - EP)

Cited by
EP2790626A4; US9402770B2; EP2153807A1; DE102008037888A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0123653 A1 20010405; AT E263858 T1 20040415; AU 7301300 A 20010430; AU 771967 B2 20040408; CA 2384689 A1 20010405; CA 2384689 C 20090512; CN 1214141 C 20050810; CN 1376221 A 20021023; DE 60009727 D1 20040513; DE 60009727 T2 20040812; EP 1216319 A1 20020626; EP 1216319 B1 20040407; ES 2222231 T3 20050201; JP 2003510475 A 20030318

DOCDB simple family (application)
GB 0003586 W 20000919; AT 00960844 T 20000919; AU 7301300 A 20000919; CA 2384689 A 20000919; CN 00813259 A 20000919; DE 60009727 T 20000919; EP 00960844 A 20000919; ES 00960844 T 20000919; JP 2001527027 A 20000919