

Title (en)

NONWOVEN FABRIC FOR A FEMALE COMPONENT OF A FASTENING SYSTEM

Title (de)

VLIES FÜR EIN AUFNAHMETEIL EINES BEFESTIGUNGSSYSTEMS

Title (fr)

TISSU NON-TISSÉ DESTINÉ À UN COMPOSANT FEMELLE D'UN SYSTÈME DE FIXATION

Publication

EP 1986519 A1 20081105 (EN)

Application

EP 07713171 A 20070223

Priority

- IB 2007050591 W 20070223
- US 77632106 P 20060224

Abstract (en)

[origin: WO2007096842A1] A fastening system includes an engaging component and a receiving component. The engaging component has a plurality of engaging elements capable of engaging the receiving component. The receiving component includes a nonwoven fabric having composite fibers, an embossed section, and a non-embossed section. The composite fibers are bonded together in the embossed sections. The composite fibers include a first propylene polymer and a second propylene polymer, wherein the first and second propylene polymers extend continually in a longitudinal direction and are arranged such that the second propylene polymer is associated with the first propylene polymer such that the composite fiber forms a crimp therein. The embossed sections have a plurality of zigzag unit patterns arranged in a machine direction which have a ratio of W_{1}/W_{2} in the range of about 0.5 to about 2.0.

IPC 8 full level

A44B 18/00 (2006.01); **D04H 1/544** (2012.01)

CPC (source: EP)

A44B 18/0011 (2013.01); **A61F 13/62** (2013.01)

Citation (search report)

See references of WO 2007096842A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007096842 A1 20070830; CA 2643207 A1 20070830; CA 2643207 C 20111018; CN 101389238 A 20090318; CN 101389238 B 20130327; EP 1986519 A1 20081105; JP 2009527315 A 20090730; JP 5085563 B2 20121128

DOCDB simple family (application)

IB 2007050591 W 20070223; CA 2643207 A 20070223; CN 200780006706 A 20070223; EP 07713171 A 20070223; JP 2008555931 A 20070223