

Title (en)

USE OF CONTINUOUS FILAMENT NONWOVENS TO PREVENT THE LEACKAGE OF DOWN IN DOWN-FILLED TEXTILE PRODUCTS

Title (de)

VERWENDUNG VON ENDLOSFILAMENTVLIESSTOFFEN ZUM VERHINDERN DES AUSTRETENS VON DAUNEN BEI MIT DAUNEN GEFÜLLTEN TEXTILPRODUKTEN

Title (fr)

UTILISATION DE NON-TISSÉ À FILAMENT CONTINU POUR PRÉVENIR LES FUITES DE DUVET DANS LES PRODUITS TEXTILES GARNIS DE DUVET

Publication

**EP 3165655 B1 20180912 (DE)**

Application

**EP 16196208 A 20161028**

Priority

EP 15193633 A 20151109

Abstract (en)

[origin: CA2947826A1] The invention relates to the use of a nonwoven fabric made of continuous filaments for the preventing of leakage of down from a down filled textile product, whereby a nonwoven fabric is obtained in a spinning process in which multicomponent fibres are deposited into a nonwoven mat, whereafter the multicomponent fibres are split into endless filaments having a titer of less than 0.15 dtex and the nonwoven mat mechanically solidified into a nonwoven fabric, without thermal or chemical solidification of the nonwoven fabric.

IPC 8 full level

**A47C 27/00** (2006.01); **A47G 9/00** (2006.01); **D04H 3/005** (2012.01); **D04H 3/007** (2012.01); **D04H 3/009** (2012.01); **D04H 3/011** (2012.01); **D04H 3/11** (2012.01)

CPC (source: CN EP KR US)

**A47C 27/124** (2013.01 - EP US); **A47G 9/0207** (2013.01 - EP US); **D01F 6/90** (2013.01 - US); **D01F 6/92** (2013.01 - US); **D04H 1/4291** (2013.01 - KR); **D04H 1/4334** (2013.01 - KR); **D04H 1/435** (2013.01 - KR); **D04H 1/4358** (2013.01 - KR); **D04H 1/492** (2013.01 - KR); **D04H 3/005** (2013.01 - CN EP US); **D04H 3/007** (2013.01 - EP US); **D04H 3/009** (2013.01 - EP US); **D04H 3/011** (2013.01 - EP US); **D04H 3/016** (2013.01 - US); **D04H 3/11** (2013.01 - CN EP US); **D04H 3/12** (2013.01 - US); **D04H 13/00** (2013.01 - KR); **B68G 2001/005** (2013.01 - EP US)

Cited by

EP3912687A1; EP4088602A1; EP4108820A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3165654 A1 20170510**; CA 2947826 A1 20170509; CN 107059250 A 20170818; DK 3165655 T3 20190107; EP 3165655 A1 20170510; EP 3165655 B1 20180912; EP 3165655 B8 20181226; JP 2017095852 A 20170601; KR 101903954 B1 20181002; KR 20170054307 A 20170517; TW 201727007 A 20170801; US 2017130378 A1 20170511

DOCDB simple family (application)

**EP 15193633 A 20151109**; CA 2947826 A 20161108; CN 201610973821 A 20161104; DK 16196208 T 20161028; EP 16196208 A 20161028; JP 2016219052 A 20161109; KR 20160148046 A 20161108; TW 105136380 A 20161109; US 201615344610 A 20161107