

Title (en)
FIBERBALL BATTING AND ARTICLES COMPRISING THE SAME

Title (de)
FASERBALLROHBAUMWOLLE FÜLLUNG UND ARTIKEL DAMIT

Title (fr)
NAPPE OUATÉE EN BOULETTES DE FIBRES ET ARTICLES LA COMPRENANT

Publication
EP 3234244 A4 20180711 (EN)

Application
EP 15871047 A 20151217

Priority
• US 201462093293 P 20141217
• US 2015066284 W 20151217

Abstract (en)
[origin: WO2016100616A1] The invention provides batting that includes a nonwoven web comprising a specified fiber mixture, the non-woven web having 50 to 95 wt% of a plurality of fiberballs having an average diameter of 3.0 to 8.0 mm; and 5 to 50 wt% of a plurality of portions of the nonwoven web that are adjacent to one or more fiberballs but that do not themselves comprise one or more fiberballs or any portion thereof. The batting has a density of 2 to 12 kg/m³. Also provided are articles comprising the batting and methods of making the batting.

IPC 8 full level
D04H 1/70 (2012.01); **D04H 1/435** (2012.01)

CPC (source: EP KR RU US)
D04H 1/00 (2013.01 - RU); **D04H 1/02** (2013.01 - EP KR US); **D04H 1/435** (2013.01 - EP KR US); **D04H 1/541** (2013.01 - KR); **D04H 1/5412** (2020.05 - EP RU US); **D04H 1/5418** (2020.05 - EP RU US); **D04H 1/70** (2013.01 - EP KR RU US)

Citation (search report)
• [Y] WO 03057962 A2 20030717 - DU PONT [US]
• [Y] WO 9116485 A1 19911031 - DU PONT [US]
• [Y] EP 0265221 A1 19880427 - DU PONT [US]
• [Y] EP 0268099 A1 19880525 - DU PONT [US]
• [Y] US 5683811 A 19971104 - HERNANDEZ ISMAEL ANTONIO [US], et al
• See also references of WO 2016100616A1

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)
WO 2016100616 A1 20160623; CN 107407027 A 20171128; CN 107407027 B 20200421; DK 3234244 T3 20200302; EP 3234244 A1 20171025; EP 3234244 A4 20180711; EP 3234244 B1 20200205; ES 2773473 T3 20200713; JP 2018500472 A 20180111; JP 6669755 B2 20200318; KR 20170097067 A 20170825; PL 3234244 T3 20200601; RU 2017125235 A 20190117; RU 2017125235 A3 20190423; RU 2694282 C2 20190711; TW 201723262 A 20170701; TW I711731 B 20201201; US 2017362755 A1 20171221

DOCDB simple family (application)
US 2015066284 W 20151217; CN 201580069020 A 20151217; DK 15871047 T 20151217; EP 15871047 A 20151217; ES 15871047 T 20151217; JP 2017532664 A 20151217; KR 20177017946 A 20151217; PL 15871047 T 20151217; RU 2017125235 A 20151217; TW 105101020 A 20160114; US 201515535645 A 20151217