

Title (en)
SPUNBOND NONWOVEN FABRIC MADE FROM ENDLESS FILAMENTS AND DEVICE FOR PRODUCING SPUNBOND NONWOVEN FABRIC

Title (de)
SPUNBOND-VLIESTOFF AUS ENDLOSFILAMENTEN UND VORRICHTUNG ZUR ERZEUGUNG DES SPUNBOND-VLIESTOFFES

Title (fr)
NON-TISSÉ OBTENU PAR FUSION-SOUFFLAGE DES FILAMENTS CONTINUS ET DISPOSITIF DE PRODUCTION DE NON-TISSÉ OBTENU PAR FUSION-SOUFFLAGE

Publication
EP 3771761 B1 20210519 (DE)

Application
EP 19189237 A 20190730

Priority
EP 19189237 A 20190730

Abstract (en)
[origin: CA3138612A1] The invention relates to a spunbond nonwoven material made of continuous filaments, in particular crimped continuous filaments, the filaments being in the form of bicomponent filaments or multicomponent filaments and having an eccentric sheath-core configuration. The sheath of the filaments, in the filament cross-section, has a constant thickness d over at least 20% of the filament circumference.

IPC 8 full level
D04H 3/018 (2012.01); **D01D 5/22** (2006.01); **D01D 5/34** (2006.01); **D04H 3/147** (2012.01)

CPC (source: CN EP IL KR US)
D01D 5/22 (2013.01 - EP IL KR US); **D01D 5/34** (2013.01 - EP IL KR US); **D04H 3/007** (2013.01 - CN EP IL KR);
D04H 3/011 (2013.01 - CN IL KR US); **D04H 3/018** (2013.01 - CN EP IL KR US); **D04H 3/147** (2013.01 - CN EP IL KR US);
D10B 2331/04 (2013.01 - US)

Cited by
WO2023242406A1

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 3771761 A1 20210203; EP 3771761 B1 20210519; AU 2020322639 A1 20211007; BR 112021015709 A2 20220208;
BR 112021015709 B1 20240109; CA 3138612 A1 20210204; CL 2021002774 A1 20220527; CN 113508199 A 20211015;
CO 2021012402 A2 20211210; DK 3771761 T3 20210726; ES 2887951 T3 20211229; IL 286980 A 20211201; IL 286980 B 20220701;
JO P20220019 A1 20230130; JP 2022542497 A 20221004; KR 20220037406 A 20220324; MA 54584 A1 20220228; MA 54584 B1 20221031;
MX 2022001188 A 20230224; PE 20212355 A1 20211217; PL 3771761 T3 20211102; TN 2021000211 A1 20230704;
US 2022251747 A1 20220811; WO 2021018574 A1 20210204

DOCDB simple family (application)
EP 19189237 A 20190730; AU 2020322639 A 20200714; BR 112021015709 A 20200714; CA 3138612 A 20200714;
CL 2021002774 A 20211022; CN 202080017576 A 20200714; CO 2021012402 A 20210922; DK 19189237 T 20190730;
EP 2020069906 W 20200714; ES 19189237 T 20190730; IL 28698021 A 20211004; JO P20220019 A 20200714; JP 2021560393 A 20200714;
KR 20217038218 A 20200714; MA 54584 A 20200714; MX 2022001188 A 20200714; PE 2021001596 A 20200714; PL 19189237 T 20190730;
TN 2021000211 A 20200714; US 202017426834 A 20200714