

Title (en)

TEXTILE FLAT STRUCTURE FOR ELECTRICAL INSULATION

Title (de)

TEXTILES FLÄCHENGEBILDE FÜR DIE ELEKTROISOLATION

Title (fr)

SURFACE TEXTILE POUR L'ISOLATION ÉLECTRIQUE

Publication

EP 3622105 A1 20200318 (DE)

Application

EP 18716251 A 20180406

Priority

- DE 102017004481 A 20170511
- EP 2018058832 W 20180406

Abstract (en)

[origin: WO2018206203A1] The invention relates to a textile flat structure, comprising a base body of at least one layer, wherein the at least one layer comprises PEN, copolymers and/or blends thereof as a binding component, wherein the binding component can be obtained by applying to core/sheath binding fibers, in which the binding fiber shell polymer contains PEN, copolymers and/or blends thereof, temperatures above the glass transition temperature of the binding fiber shell polymer.

IPC 8 full level

D04H 1/435 (2012.01); **D01F 8/14** (2006.01); **D04H 1/541** (2012.01); **D04H 1/587** (2012.01); **D04H 3/011** (2012.01); **D04H 3/147** (2012.01)

CPC (source: EP KR US)

D01F 8/14 (2013.01 - EP KR US); **D04H 1/435** (2013.01 - EP KR); **D04H 1/541** (2013.01 - KR); **D04H 1/5412** (2020.05 - EP US);
D04H 1/5418 (2020.05 - EP US); **D04H 1/587** (2013.01 - EP KR US); **D04H 1/60** (2013.01 - KR US); **D04H 3/011** (2013.01 - EP KR US);
D04H 3/147 (2013.01 - EP KR US)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102017004481 A1 20181115; CN 111032941 A 20200417; CN 111032941 B 20231003; EP 3622105 A1 20200318;
JP 2020525658 A 20200827; JP 7216015 B2 20230131; KR 102276864 B1 20210712; KR 20190136087 A 20191209;
TW 201900965 A 20190101; TW I775846 B 20220901; US 12098482 B2 20240924; US 2020115826 A1 20200416;
WO 2018206203 A1 20181115

DOCDB simple family (application)

DE 102017004481 A 20170511; CN 201880031185 A 20180406; EP 18716251 A 20180406; EP 2018058832 W 20180406;
JP 2019561916 A 20180406; KR 20197034287 A 20180406; TW 107115143 A 20180504; US 201816611865 A 20180406