

Title (en)

POLYALPHAOLEFIN MODIFIED POLYMER BLENDS FOR FIBRES AND NONWOVENS

Title (de)

POLYALPHAOLEFINMODIFIZIERTE POLYMERMISCHUNGEN FÜR FASERN UND VLIESSTOFFE

Title (fr)

MÉLANGES DE POLYMÈRES MODIFIÉS À POLYALPHAOLÉFINE POUR FIBRES ET NON-TISSÉS

Publication

**EP 3880875 A1 20210922 (EN)**

Application

**EP 19801187 A 20191029**

Priority

- US 201862768612 P 20181116
- EP 19152351 A 20190117
- US 2019058553 W 20191029

Abstract (en)

[origin: WO2020101883A1] A fiber or nonwoven and methods for making and using same are provided herein. The fiber or nonwoven contains at least one primary polypropylene, at least one polyalphaolefin, and at least one propylene-based elastomer. The propylene-based elastomer can have a heat of fusion less than about 80 J/g. The propylene- based elastomer can also include greater than 50 wt % propylene and from about 3 to about 25 wt % units derived from one or more C2 or C4-C12  $\alpha$ -olefins, based on a total weight of the propylene-based elastomer.

IPC 8 full level

**D01F 6/46** (2006.01); **D01D 5/098** (2006.01); **D04H 3/007** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP)

**D01D 5/098** (2013.01); **D01F 6/46** (2013.01); **D04H 3/007** (2013.01); **D04H 3/16** (2013.01)

Citation (search report)

See references of WO 2020101883A1

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)

**WO 2020101883 A1 20200522**; CN 113039312 A 20210625; CN 113039312 B 20231010; EP 3880875 A1 20210922

DOCDB simple family (application)

**US 2019058553 W 20191029**; CN 201980075208 A 20191029; EP 19801187 A 20191029