

Title (en)  
CRIMPED FIBERS AND NONWOVEN CLOTH

Title (de)  
GEKRÄUSELTE FASERN UND VLIESSTOFF

Title (fr)  
FIBRES FRISÉES ET NON-TISSÉ

Publication  
**EP 3626869 A1 20200325 (EN)**

Application  
**EP 18801410 A 20180516**

Priority  

- JP 2017097638 A 20170516
- JP 2017238664 A 20171213
- JP 2018018855 W 20180516

Abstract (en)

The present invention relates to a crimped fiber including one component thereof containing a thermoplastic resin (A) and another component thereof containing a thermoplastic resin (B) and a thermoplastic resin (C), wherein a half-crystallization time at 25°C of the thermoplastic resin (A) is shorter than a half-crystallization time at 25°C of the thermoplastic resin (B), and a half-crystallization time at 25°C of the thermoplastic resin (C) is longer than the half-crystallization time at 25°C of the thermoplastic resin (B).

IPC 8 full level  
**D01F 8/06** (2006.01); **D04H 3/007** (2012.01); **D04H 3/147** (2012.01)

CPC (source: EP US)  
**D01D 5/22** (2013.01 - EP US); **D01D 5/32** (2013.01 - EP); **D01F 8/06** (2013.01 - EP US); **D04H 3/007** (2013.01 - EP US);  
**D04H 3/147** (2013.01 - EP US); **D10B 2321/022** (2013.01 - US)

Cited by  
EP3856966B1; WO2020069354A1

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)  
**EP 3626869 A1 20200325; EP 3626869 A4 20201125; EP 3626869 B1 20240424; EP 3626869 C0 20240424;** CN 110612367 A 20191224;  
JP WO2018212211 A1 20200319; US 2020071867 A1 20200305; WO 2018211843 A1 20181122; WO 2018212211 A1 20181122

DOCDB simple family (application)  
**EP 18801410 A 20180516;** CN 201880032412 A 20180516; JP 2018014268 W 20180403; JP 2018018855 W 20180516;  
JP 2019518821 A 20180516; US 201816613524 A 20180516