

Title (en)  
ANTIMICROBIAL FIBER BLENDS

Title (de)  
ANTIMIKROBIELLE FASERMISCHUNGEN

Title (fr)  
MÉLANGES DE FIBRES ANTIMICROBIENNES

Publication  
**EP 3938571 A4 20230125 (EN)**

Application  
**EP 20770892 A 20200312**

Priority  
• US 201962818009 P 20190313  
• US 202016815797 A 20200311  
• US 2020022304 W 20200312

Abstract (en)  
[origin: US2020291550A1] Antimicrobial fiber blends including a chitosan-based fiber are disclosed. The fiber blends also include other fibers such as organic fibers, synthetic fibers, or a combination thereof. Yarns and textiles formed from the fiber blends and articles formed from the textiles are also disclosed.

IPC 8 full level  
**D06M 15/03** (2006.01); **D06M 15/05** (2006.01)

CPC (source: EP KR US)  
**D02G 3/04** (2013.01 - US); **D02G 3/328** (2013.01 - EP); **D02G 3/449** (2013.01 - EP US); **D06M 15/03** (2013.01 - KR); **D06M 15/05** (2013.01 - KR); **D06M 15/03** (2013.01 - US); **D10B 2201/22** (2013.01 - US); **D10B 2201/28** (2013.01 - EP); **D10B 2211/02** (2013.01 - EP); **D10B 2401/13** (2013.01 - KR US)

Citation (search report)  
• [I] CN 108754727 A 20181106 - JIANGSU COLLEGE ENG & TECHNOLOGY  
• [I] CN 107237017 A 20171010 - YU XIUYING  
• [I] CN 107119364 A 20170901 - GU QIUJUN  
• [A] US 2014012166 A1 20140109 - LEONARD MICHAEL WAYNE [US], et al  
• See references of WO 2020186012A1

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)  
**US 2020291550 A1 20200917**; AU 2020237205 A1 20211021; CA 3133350 A1 20200924; CN 113795624 A 20211214; EP 3938571 A1 20220119; EP 3938571 A4 20230125; JP 2022525403 A 20220513; KR 20210128022 A 20211025; TW 202100843 A 20210101; WO 2020186012 A1 20200917

DOCDB simple family (application)  
**US 202016815797 A 20200311**; AU 2020237205 A 20200312; CA 3133350 A 20200312; CN 202080029980 A 20200312; EP 20770892 A 20200312; JP 2021555359 A 20200312; KR 20217032790 A 20200312; TW 109108252 A 20200312; US 2020022304 W 20200312