

Title (en)
ORGANIC ANTIMICROBIAL TEXTILE

Title (de)
ORGANISCHES ANTIMIKROBIELLES TEXTIL

Title (fr)
TEXTILE ANTIMICROBIEN ORGANIQUE

Publication
EP 3543396 A1 20190925 (EN)

Application
EP 18162641 A 20180319

Priority
EP 18162641 A 20180319

Abstract (en)
The present invention relates to a method of rendering a textile antimicrobial by treating the textile in a liquor application process with at least one amino acid and/or at least one amino acid derivative, and to a wash-durable antimicrobial textile obtained by the method.

IPC 8 full level
D06M 13/342 (2006.01); **D06M 15/15** (2006.01); **D06M 16/00** (2006.01)

CPC (source: EP KR US)
D06C 7/00 (2013.01 - KR); **D06M 11/77** (2013.01 - US); **D06M 11/83** (2013.01 - US); **D06M 13/144** (2013.01 - KR);
D06M 13/342 (2013.01 - EP KR US); **D06M 15/03** (2013.01 - KR); **D06M 15/15** (2013.01 - EP KR); **D06M 16/00** (2013.01 - EP KR US);
D06M 11/62 (2013.01 - EP); **D06M 13/144** (2013.01 - EP); **D06M 15/03** (2013.01 - EP); **D06M 2200/00** (2013.01 - US);
D06M 2400/00 (2013.01 - EP KR)

Citation (applicant)
"AATCC Technical Manual", 2013, pages: 166 - 168

Citation (search report)
• [XY] EP 1291460 A1 20030312 - AJINOMOTO KK [JP]
• [XY] US 2011217347 A1 20110908 - POHL MATTHIAS [DE], et al
• [Y] EP 3061864 A1 20160831 - GREEN IMPACT HOLDING AG [CH]
• [A] US 2010115706 A1 20100513 - BENDER WALTER [CH]
• [A] WO 2016156869 A2 20161006 - BYOTROL PLC [GB]

Cited by
CN110791961A; WO2022054093A1

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 3543396 A1 20190925; EP 3543396 B1 20211215; CA 3092529 A1 20190926; JP 2021516731 A 20210708; KR 20200130721 A 20201119;
SG 11202008243Q A 20201029; US 2021025110 A1 20210128; WO 2019180036 A1 20190926

DOCDB simple family (application)
EP 18162641 A 20180319; CA 3092529 A 20190319; EP 2019056873 W 20190319; JP 2020550865 A 20190319; KR 20207028832 A 20190319;
SG 11202008243Q A 20190319; US 201916982511 A 20190319