

Title (en)

LYOCELL FIBRE COMPRISING A MATTING AGENT AND ITS USE FOR THE PRODUCTION OF A TEXTILE FABRIC

Title (de)

LYOCELLFASER MIT EINEM MATTIERUNGSMITTEL UND VERWENDUNG ZUR HERSTELLUNG EINES TEXTILEN GEWEBES

Title (fr)

FIBRE LYOCELL COMPRENANT UN AGENT MATANT ET UTILISATION POUR LA PRODUCTION D'UN TISSU TEXTILE

Publication

EP 4155438 A1 20230329 (EN)

Application

EP 21199580 A 20210928

Priority

EP 21199580 A 20210928

Abstract (en)

The invention shows a lyocell fibre containing a matting agent whereby the matting agent comprises between 2 wt.-% and 5 wt.-% BaSO₄ and less than 1 wt.-% TiO₂, with respect to fibre weight, whereby the matting agent is incorporated in the fibre matrix in the form of particulates. The invention further concerns the use of said fibre for the production of a textile fabric and a textile fabric containing said fibres.

IPC 8 full level

D01F 2/00 (2006.01); **D01F 1/06** (2006.01); **D01F 1/10** (2006.01); **D03D 15/225** (2021.01); **D03D 15/54** (2021.01); **D06P 1/22** (2006.01); **D06P 3/66** (2006.01)

CPC (source: EP)

D01F 1/10 (2013.01); **D01F 2/00** (2013.01); **D03D 1/00** (2013.01); **D03D 15/225** (2021.01); **D03D 15/54** (2021.01); **D10B 2501/04** (2013.01)

Citation (applicant)

- WO 2010144925 A1 20101223 - CHEMIEFASER LENZING AG [AT], et al
- ABU-ROUS ET AL., J FASHION TECHNOL TEXTILE ENG, 2018, pages S4

Citation (search report)

- [I] WO 2019170670 A1 20190912 - CHEMIEFASER LENZING AG [AT]
- [A] WO 2019068476 A1 20190411 - CHEMIEFASER LENZING AG [AT]
- [A] EP 3511371 A1 20190717 - CHEMIEFASER LENZING AG [AT]
- [A] US 5895795 A 19990420 - HASHEMZADEH ABDULMAJID [DE]

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4155438 A1 20230329; CN 118043508 A 20240514; TW 202331036 A 20230801; WO 2023052380 A1 20230406

DOCDB simple family (application)

EP 21199580 A 20210928; CN 202280066000 A 20220928; EP 2022076890 W 20220928; TW 111136555 A 20220927