

Title (en)
LONG-FIBER WOVEN FABRIC AND METHOD FOR PRODUCING LONG-FIBER WOVEN FABRIC

Title (de)
LANGFASERGEWEBE UND VERFAHREN ZUR HERSTELLUNG EINES LANGFASERGEWEBES

Title (fr)
TISSU À FIBRES LONGUES ET PROCÉDÉ DE PRODUCTION DE TISSU À FIBRES LONGUES

Publication
EP 4219815 A4 20231018 (EN)

Application
EP 21872321 A 20210916

Priority
• JP 2020162365 A 20200928
• JP 2021126428 A 20210802
• JP 2021034095 W 20210916

Abstract (en)
[origin: EP4219815A1] This long-fiber woven fabric comprises long fibers formed by two-component conjugate spinning from poly(ethylene terephthalate) and a copolyester, and has an apparent density of 0.1-0.25 g/cc and a recovery from 50% elongation of 55% or greater.

IPC 8 full level
D04H 3/147 (2012.01); **D04H 3/011** (2012.01); **D04H 3/018** (2012.01)

CPC (source: EP KR US)
D01D 5/088 (2013.01 - EP KR); **D01D 5/098** (2013.01 - US); **D01D 5/10** (2013.01 - US); **D01D 5/16** (2013.01 - EP); **D01D 5/22** (2013.01 - EP); **D01D 5/32** (2013.01 - EP); **D01D 5/34** (2013.01 - EP KR); **D01F 8/14** (2013.01 - EP); **D04H 3/011** (2013.01 - EP KR US); **D04H 3/018** (2013.01 - EP); **D04H 3/02** (2013.01 - KR); **D04H 3/147** (2013.01 - EP US); **D10B 2331/04** (2013.01 - US); **D10B 2401/061** (2013.01 - KR US)

Citation (search report)
• [XYI] JP H1088456 A 19980407 - UNITIKA LTD
• [XYI] JP H1096154 A 19980414 - UNITIKA LTD
• [Y] JP 2014240531 A 20141225 - TOYO BOSEKI
• [A] EP 1115925 B1 20050803 - EASTMAN CHEM CO [US]
• [A] US 2017370038 A1 20171228 - KOIZUMI SATOSHI [JP], et al
• See also references of WO 2022065191A1

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 4219815 A1 20230802; EP 4219815 A4 20231018; CN 116324066 A 20230623; CN 116324066 B 20240312; KR 102575845 B1 20230911; KR 20230054744 A 20230425; TW 202227690 A 20220716; US 2023287613 A1 20230914; WO 2022065191 A1 20220331

DOCDB simple family (application)
EP 21872321 A 20210916; CN 202180065764 A 20210916; JP 2021034095 W 20210916; KR 20237012265 A 20210916; TW 110135763 A 20210927; US 202118023885 A 20210916