

Title (en)

LOW-AIR-PERMEABILITY FABRIC AND TEXTILE PRODUCT

Title (de)

GEWEBE MIT GERINGER LUFTDURCHLÄSSIGKEIT UND TEXTILPRODUKT

Title (fr)

TISSU À FAIBLE PERMÉABILITÉ À L'AIR ET PRODUIT TEXTILE

Publication

EP 4166703 A4 20231122 (EN)

Application

EP 21826248 A 20210603

Priority

- JP 2020103818 A 20200616
- JP 2021021270 W 20210603

Abstract (en)

[origin: EP4166703A1] The invention addresses the problem of providing a low-breathability woven fabric and a textile product that are excellent not only in downproofness but also in stretchability. As a means for resolution, a low-breathability woven fabric having a breathability of 1.0 cc/sec/cm² or less is configured to include a stretch fiber.

IPC 8 full level

D03D 15/56 (2021.01); **A41D 3/00** (2006.01); **D02G 3/32** (2006.01); **D03D 13/00** (2006.01); **D03D 15/283** (2021.01); **D03D 15/292** (2021.01); **D03D 15/41** (2021.01); **D03D 15/573** (2021.01); **D03D 15/58** (2021.01)

CPC (source: EP US)

D02G 3/32 (2013.01 - EP); **D03D 13/008** (2013.01 - EP US); **D03D 15/283** (2021.01 - EP US); **D03D 15/292** (2021.01 - EP); **D03D 15/41** (2021.01 - EP); **D03D 15/56** (2021.01 - EP US); **D03D 15/573** (2021.01 - EP); **D03D 15/58** (2021.01 - EP); **D10B 2331/04** (2013.01 - US); **D10B 2331/10** (2013.01 - US); **D10B 2401/061** (2013.01 - EP); **D10B 2401/063** (2013.01 - US); **D10B 2501/00** (2013.01 - EP); **D10B 2501/04** (2013.01 - US); **D10B 2503/06** (2013.01 - US)

Citation (search report)

- [X] JP 6250948 B2 20171220
- [X] JP 2019183318 A 20191024 - TEIJIN FRONTIER CO LTD
- [XI] US 2015203997 A1 20150723 - YAMANAKA KENJI [JP], et al
- [XI] EP 2444548 A1 20120425 - TORAY INDUSTRIES [JP]
- See also references of WO 2021256286A1

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)

EP 4166703 A1 20230419; **EP 4166703 A4 20231122**; CA 3185881 A1 20211223; CN 115885066 A 20230331; JP WO2021256286 A1 20211223; TW 202217100 A 20220501; US 2023250563 A1 20230810; WO 2021256286 A1 20211223

DOCDB simple family (application)

EP 21826248 A 20210603; CA 3185881 A 20210603; CN 202180043299 A 20210603; JP 2021021270 W 20210603; JP 2022531655 A 20210603; TW 110121444 A 20210611; US 202118010717 A 20210603