

Title (en)  
FABRIC AND TEXTILE PRODUCT

Title (de)  
STOFF UND TEXTILPRODUKT DAMIT

Title (fr)  
TISSU ET PRODUIT TEXTILE

Publication  
**EP 3779004 B1 20220216 (EN)**

Application  
**EP 19782317 A 20190325**

Priority  
• JP 2018071562 A 20180403  
• JP 2019012463 W 20190325

Abstract (en)  
[origin: EP3779004A1] A task is to provide a cloth which is advantageous in that the cloth has extremely excellent flame retardancy, and further has excellent washing shrinkage resistance and excellent hand as well as excellent antistatic properties, preferably in that the whole of the cloth can be uniformly dyed, and a fiber product, and the task is achieved by obtaining a cloth using a spun yarn which comprises a meta-type wholly aromatic polyamide fiber, a modacrylic fiber, and a conductive fiber.

IPC 8 full level  
**D03D 15/00** (2021.01); **A41D 31/00** (2019.01); **A41D 31/04** (2019.01); **A41D 31/08** (2019.01); **D02G 3/04** (2006.01); **D02G 3/44** (2006.01); **D03D 1/00** (2006.01); **D03D 15/283** (2021.01); **D03D 15/47** (2021.01); **D03D 15/513** (2021.01); **D03D 15/533** (2021.01); **D03D 15/54** (2021.01)

CPC (source: EP KR US)  
**A41D 31/00** (2013.01 - EP); **A41D 31/04** (2019.01 - EP KR); **A41D 31/08** (2019.01 - EP KR); **A41D 31/085** (2019.01 - US); **D01F 1/04** (2013.01 - KR); **D01F 1/06** (2013.01 - KR US); **D01F 1/07** (2013.01 - KR US); **D01F 1/09** (2013.01 - KR US); **D01F 1/106** (2013.01 - KR US); **D01F 6/16** (2013.01 - US); **D01F 6/40** (2013.01 - KR US); **D01F 6/805** (2013.01 - KR US); **D02G 3/443** (2013.01 - EP US); **D03D 1/0035** (2013.01 - EP US); **D03D 15/283** (2021.01 - EP KR US); **D03D 15/47** (2021.01 - EP); **D03D 15/513** (2021.01 - EP KR); **D03D 15/533** (2021.01 - EP KR); **D03D 15/54** (2021.01 - EP); **D10B 2321/10** (2013.01 - EP); **D10B 2321/101** (2013.01 - EP US); **D10B 2331/021** (2013.01 - EP US); **D10B 2401/16** (2013.01 - EP US); **D10B 2501/04** (2013.01 - EP KR US)

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EP4036294A4

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 3779004 A1 20210217**; **EP 3779004 A4 20210512**; **EP 3779004 B1 20220216**; BR 112020019275 A2 20210105; CN 111936684 A 20201113; JP WO2019194001 A1 20210325; KR 20200138345 A 20201209; US 2021363668 A1 20211125; WO 2019194001 A1 20191010

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**EP 19782317 A 20190325**; BR 112020019275 A 20190325; CN 201980023862 A 20190325; JP 2019012463 W 20190325; JP 2020511701 A 20190325; KR 20207031257 A 20190325; US 201917045073 A 20190325