

Title (en)

ULTRA-LIGHT SILK FABRIC AND METHOD FOR ITS PRODUCTION

Title (de)

ULTRALEICHTES SEIDENGEWEBE UND HERSTELLVERFAHREN DAFÜR

Title (fr)

TISSU DE SOIE ULTRA-LEGER ET PROCÉDÉ DE PRODUCTION

Publication

**EP 4116474 A1 20230111 (EN)**

Application

**EP 22182502 A 20220701**

Priority

IT 202100017822 A 20210706

Abstract (en)

The invention relates to a fine silk fabric made by using an extremely thin silk thread for both weft and warp (1a, 1b, 5a, 5b), with a very large number of twists. The extreme fineness of this thread makes it possible to obtain a fabric commonly referred to as chiffon, but having fineness, softness and lightness characteristics much superior to those of prior-art silk fabrics, which, on average, were normally created with counts twice as high. The raw count of the thread used to obtain the fabric is within a range from a minimum of 7-9 denier to a maximum of 13-15 denier, singly stranded, twisted with a high number of twists  $\geq 2,500$  turns/m.

IPC 8 full level

**D03D 15/233** (2021.01); **D02G 3/28** (2006.01); **D02G 3/40** (2006.01); **D03D 15/283** (2021.01); **D03D 15/41** (2021.01); **D03D 15/47** (2021.01)

CPC (source: EP)

**D02G 3/28** (2013.01); **D02G 3/406** (2013.01); **D03D 15/235** (2021.01); **D03D 15/283** (2021.01); **D03D 15/41** (2021.01); **D03D 15/47** (2021.01); **D10B 2211/04** (2013.01); **D10B 2321/06** (2013.01)

Citation (search report)

- [XAI] WO 2016194824 A1 20161208 - MORI HAKATAORI CO LTD [JP]
- [A] CN 109505048 A 20190322 - SHANGHAI ZHAOWU BRAND MAN CO LTD
- [A] EP 2050845 A1 20090422 - GERALDINI JACOPO [IT]

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 4116474 A1 20230111**; IT 202100017822 A1 20230106

DOCDB simple family (application)

**EP 22182502 A 20220701**; IT 202100017822 A 20210706