

Title (en)

Process for the production of a fabric made of super-extra-fine yarns of high-quality fibres, which may not otherwise be produced industrially

Title (de)

Verfahren zum Herstellen eines Stoffes aus extradünnem Garn aus hoch qualitativen Fasern, der ansonsten nicht industriell hergestellt werden könnte

Title (fr)

Procédé de fabrication d'une étoffe à partir de fils super-extra fins de fibres de grande qualité, ne pouvant pas être autrement produit industriellement

Publication

**EP 2050845 A1 20090422 (EN)**

Application

**EP 08166318 A 20081010**

Priority

IT MI20072029 A 20071019

Abstract (en)

A process for the production of a fabric made of super-extra-fine yarns of high-quality animal fibre, which may not otherwise be produced industrially, includes spinning single-ply or double-ply extra-fine yarns (1), consisting of an intimate blend of high-quality animal fibres and water-soluble synthetic fibres; doubling said extra-fine yarns (1) with respective water-soluble yarns (2), weaving the doubled yarns (3) and dissolving said water-soluble synthetic fibres and said water-soluble yarns (2) by means of a slightly acidic aqueous solution at the temperature required for the dissolution to obtain fabrics consisting of super-extra-fine yarns (1') of pure animal fibres only.

IPC 8 full level

**D02G 3/40** (2006.01); **D03D 15/68** (2021.01)

CPC (source: EP)

**D02G 3/28** (2013.01); **D02G 3/406** (2013.01); **D03D 15/235** (2021.01); **D03D 15/68** (2021.01); **D10B 2211/01** (2013.01); **D10B 2211/04** (2013.01); **D10B 2321/06** (2013.01)

Citation (search report)

- [X] EP 1245706 A1 20021002 - POLGAT TEXTILES CO 1960 LTD [IL]
- [X] EP 1061162 A1 20001220 - GERALDINI JACOPO [IT]
- [X] CN 1431345 A 20030723 - KAINUO SCIENCE AND TECHNOLOGY [CN]
- [A] GB 775387 A 19570522 - KANEGAFUCHI SPINNING CO LTD
- [A] CN 1259596 A 20000712 - SHANGHAI HENGYUANXIANG KNITTIN [CN]
- [A] EP 0636716 A1 19950201 - KURARAY CO [JP]

Cited by

WO2015087306A1; CN112725959A; IT201800001698A1; IT201800005476A1; ITMI20132090A1; ITMI20101404A1; ITMI20131647A1; ITMI20121433A1; EP4116474A1; IT202100017822A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2050845 A1 20090422**; **EP 2050845 B1 20110112**; AT E495292 T1 20110115; DE 602008004393 D1 20110224; IT MI20072029 A1 20090420

DOCDB simple family (application)

**EP 08166318 A 20081010**; AT 08166318 T 20081010; DE 602008004393 T 20081010; IT MI20072029 A 20071019