

Title (en)

Superfine polyester fiber containing a dye component and the fabric made therefrom

Title (de)

Ultradünne Polyesterfaser enthaltend eine Farbstoffkomponente und daraus hergestelltes Gewebe

Title (fr)

Fibres ultrafines de polyester contenant un colorant et tissu fabriqué à partir de celles-ci

Publication

EP 1627942 A1 20060222 (EN)

Application

EP 04019456 A 20040817

Priority

EP 04019456 A 20040817

Abstract (en)

A gray dope dyed superfine fibre with neutral colour hue and a fabric made thereof, wherein the mono-filament denier of the gray superfine fibre is of 0.03~0.5 denier, and the fabric formed by the gray superfine fibre may be further deeply dyed to a desired colour during dyeing and finishing stage; particularly, when the fabric after deep dye shall possess not only a desired touch of soft and exquisite but also a superior quality of colour fastness to dry crocking over level 4, colour fastness to wet crocking over level 3, colour fastness to light over level 3, colour change of colour fastness to laundering over level 4, and colour fastness to laundering with respect to PET. stain resistance over level 4 and colour fastness to laundering with respect to Nylon over level 3.

IPC 8 full level

D01F 6/62 (2006.01); **D03D 15/00** (2006.01)

CPC (source: EP)

D01F 6/62 (2013.01); **D04B 1/16** (2013.01)

Citation (search report)

- [DY] WO 02088444 A1 20021107 - KOLON INC [KR], et al
- [Y] EP 1091028 A1 20010411 - FIBER INNOVATION TECHNOLOGY INC [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 0185, no. 26 (M - 1683) 5 October 1994 (1994-10-05)
- [A] PATENT ABSTRACTS OF JAPAN vol. 0153, no. 53 (C - 0865) 6 September 1991 (1991-09-06)

Cited by

CN102704143A; CN104005169A; CN104018246A; EP2845931A1

Designated contracting state (EPC)

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