

Title (en)

METHOD FOR DYEING TEXTILES USING METALLIC YARN AND POLYESTER YARN AND TEXTILE MANUFACTURED THEREBY

Title (de)

VERFAHREN ZUM FÄRBen VON TEXTILIEN MIT EINEM METALLISCHEN GARN UND EINEM POLYESTERGARN SOWIE DADURCH HERGESTELLTE TEXTILEN

Title (fr)

PROCÉDÉ POUR LA TEINTURE DE TEXTILES UTILISANT DES FILS MÉTALLIQUES ET DES FILS DE POLYESTER ET TEXTILE FABRIQUÉ DE CETTE FAÇON

Publication

EP 2781647 A4 20150826 (EN)

Application

EP 12849539 A 20120530

Priority

- KR 20110118196 A 20111114
- KR 2012004270 W 20120530

Abstract (en)

[origin: EP2781647A1] A method for manufacturing dyed woven or knitted fabric includes preparing woven or knitted fabric using metallic yarn and normal-pressure dyeing polyester yarn having an elasticity modulus of 400 to 600 kg/mm² and an elongation of 30 to 40%, fabricating a dye bath by putting a dye solution obtained by dispersing a dye in water, dyeing the woven or knitted fabric by putting the prepared woven or knitted fabric into the fabricated dye bath, raising a temperature of the dye bath starting from 35 to 45 °C for 30 to 50 minutes at a rate of 1.2 to 1.5 °C/min, and maintaining the heated dye bath at 90 to 100 °C for 15 to 25 minutes, and washing the dyed woven or knitted fabric. The dyed woven or knitted fabric has a light reflection reduction rate of 20% to 30%.

IPC 8 full level

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CPC (source: EP KR US)

D06P 1/0008 (2013.01 - US); **D06P 1/008** (2013.01 - EP US); **D06P 3/34** (2013.01 - EP KR US); **D06P 3/36** (2013.01 - KR); **D06P 3/52** (2013.01 - EP US); **D06P 3/80** (2013.01 - EP US); **D06P 3/82** (2013.01 - EP US)

Citation (search report)

- [Y] JP 2007107152 A 20070426 - SOLOTEX CORP
- [Y] GB 1143955 A 19690226 - COURTAULDS LTD
- [Y] CN 1324181 C 20070704 - WANG QIMING [CN]
- See references of WO 2013073753A1

Designated contracting state (EPC)

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