

Title (en)
PROCESSES TO DYE AND TREAT BCF YARN

Title (de)
VERFAHREN ZUR FÄRBUNG UND BEHANDLUNG VON BCF-GARN

Title (fr)
PROCÉDÉS DE TEINTURE ET DE TRAITEMENT DE FIL BCF

Publication
EP 2898136 A1 20150729 (EN)

Application
EP 13839626 A 20130918

Priority
• US 201261702861 P 20120919
• US 2013060345 W 20130918

Abstract (en)
[origin: WO2014047138A1] Disclosed are processes for applying dyes, stain blocker and anti-soil compositions on BCF yarns during cable or air twisting processes, or heat setting processes, prior to weaving, knitting or tufting. Further discloses are process for applying dyes, stain blocker and anti-soil compositions on BCF yarns prior to heat setting. The processes forego the need to dye and otherwise treat carpets and other textiles made from the BCF yarn using current methods. Also disclosed are systems, BCF yarns, and carpets made from the BCF yarn treated by the disclosed process.

IPC 8 full level
D06M 13/248 (2006.01); **D06M 13/10** (2006.01); **D06P 1/36** (2006.01)

CPC (source: EP US)
D06M 13/52 (2013.01 - EP US); **D06M 15/70** (2013.01 - EP US); **D06P 1/0016** (2013.01 - EP US); **D06P 3/24** (2013.01 - US); **D06P 3/241** (2013.01 - EP US); **D06P 3/26** (2013.01 - US); **D06P 3/52** (2013.01 - US); **D06P 3/521** (2013.01 - US); **D06P 3/54** (2013.01 - EP US); **D06P 3/8214** (2013.01 - EP US); **D06P 5/02** (2013.01 - US); **D06P 5/04** (2013.01 - US); **D06P 5/08** (2013.01 - US); **D06M 23/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2014047138A1

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

DOCDB simple family (publication)
WO 2014047138 A1 20140327; AU 2013318234 A1 20150305; CA 2882852 A1 20140327; CN 104838062 A 20150812; EP 2898136 A1 20150729; JP 2015534611 A 20151203; US 2015218749 A1 20150806

DOCDB simple family (application)
US 2013060345 W 20130918; AU 2013318234 A 20130918; CA 2882852 A 20130918; CN 201380048922 A 20130918; EP 13839626 A 20130918; JP 2015532167 A 20130918; US 201314428695 A 20130918