

Title (en)
COMPOSITIONS AND METHODS FOR DYING NATURAL FIBERS WITH NATURAL DYES TO ENSURE COLOR (HUE AND SHADE)-MATCH CONSISTENCY

Title (de)
ZUSAMMENSETZUNGEN UND VERFAHREN ZUR FÄRBUNG VON NATURFASERN MIT NATÜRLICHEN FARBSTOFFEN ZUR SICHERSTELLUNG DER KONSISTENZ DER FARBABSTIMMUNG (TON UND NUANCE)

Title (fr)
COMPOSITIONS ET PROCÉDÉS DE TEINTURE DE FIBRES NATURELLES AVEC DES PIGMENTS NATURELS GARANTISSANT UNE COHÉRENCE DE COULEUR (ÉGALITÉ DE TON ET DE NUANCE)

Publication
EP 3102733 A4 20171011 (EN)

Application
EP 15755965 A 20150204

Priority
• US 201461935935 P 20140205
• US 2015014458 W 20150204

Abstract (en)
[origin: US2015218748A1] This invention discloses novel and nonobvious compositions and methods suitable for the dyeing of natural fibers with natural dyes that ensure shade-match consistency.

IPC 8 full level
D06P 1/00 (2006.01); **D06B 23/10** (2006.01); **D06P 1/34** (2006.01); **D06P 1/651** (2006.01); **D06P 1/653** (2006.01); **D06P 1/673** (2006.01); **D06P 5/02** (2006.01); **G01N 33/36** (2006.01)

CPC (source: EP US)
D06B 19/00 (2013.01 - EP US); **D06B 23/10** (2013.01 - EP US); **D06P 1/0032** (2013.01 - EP US); **D06P 1/34** (2013.01 - EP US); **D06P 1/65118** (2013.01 - EP); **D06P 1/6533** (2013.01 - EP); **D06P 1/67341** (2013.01 - EP); **D06P 1/6735** (2013.01 - EP); **D06P 1/67375** (2013.01 - EP US); **D06P 5/02** (2013.01 - EP US); **D06B 5/16** (2013.01 - EP); **G01N 33/365** (2013.01 - EP US)

Citation (search report)
• [Y] CN 101117775 A 20080206 - HANLAN GROUP CO LTD [CN]
• [Y] US 2011271463 A1 20111110 - SCATIZZI MARIO [IT]
• [Y] US 2010011516 A1 20100121 - SCATIZZI MARIO [IT]
• [A] DATABASE WPI Week 201323, Derwent World Patents Index; AN 2013-B40859, XP002773386
• See references of WO 2015130437A1

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

DOCDB simple family (publication)
US 2015218748 A1 20150806; CA 2938724 A1 20150903; EP 3102733 A1 20161214; EP 3102733 A4 20171011; JP 2017509804 A 20170406; WO 2015130437 A1 20150903; WO 2015130437 A8 20170202

DOCDB simple family (application)
US 201514614076 A 20150204; CA 2938724 A 20150204; EP 15755965 A 20150204; JP 2016550482 A 20150204; US 2015014458 W 20150204