

Title (en)
FABRIC FOR USE IN THE MANUFACTURE OF TISSUE PRODUCTS HAVING VISUALLY DISCERNABLE BACKGROUND TEXTURE REGIONS BORDERED BY CURVILINEAR DECORATIVE ELEMENTS

Title (de)
GEWEBE ZUR ANWENDUNG FÜR DIE HERSTELLUNG VON TISSUE PRODUKTEN MIT VON EINEM DEKORATIVEN ELEMENT BEGRENZTEN VISUELL UNTERSCHIEDBAREN HINTERGRUNDTEXTURBEREICHEN

Title (fr)
TOILE POUVANT ETRE UTILISEE POUR LA FABRICATION DE PRODUITS EN PAPIER PRESENTANT DES REGIONS TEXTUREES D'ARRIERE-PLAN VISUELLEMENT EN EVIDENCE BORDEES PAR DES ELEMENTS DECORATIFS CURVILIGNES

Publication
EP 1440195 B1 20110831 (EN)

Application
EP 02784144 A 20021017

Priority
• US 0233225 W 20021017
• US 1583801 A 20011102
• US 1585801 A 20011102

Abstract (en)
[origin: WO03040450A2] The present invention is a woven sculpted fabric for the manufacture of a tissue web having a tissue contacting surface and a method for making such a woven sculpted fabric. The tissue contacting surface of the woven sculpted fabric includes at least a first group of strands and a second group of strands wherein the first group of strands extend in a first direction and the second group of strands extend in a second direction. The first group of strands are adapted to produce elevated floats and depressed sinkers thereby defining a three-dimensional fabric surface comprising; a first background region having a set of substantially parallel first elevated floats separated by a set of substantially parallel first depressed sinkers, comprising first depressed sinkers positioned between adjacent first elevated floats and comprising first elevated floats positioned between adjacent first depressed sinkers; a second background region having a set of substantially parallel second elevated floats separated by a set of substantially parallel second depressed sinkers, comprising second depressed sinkers positioned between adjacent second elevated floats and comprising second elevated floats positioned between adjacent second depressed sinkers; and, a transition region positioned between the first and second background regions, wherein the first elevated floats of the first background region descend to become the second depressed sinkers of the second background region and the second elevated floats of the second background region descend to become the first depressed sinkers of the first background region.

IPC 8 full level
D04H 1/00 (2006.01); **D21F 1/00** (2006.01); **D21F 11/00** (2006.01)

CPC (source: EP)
D21F 1/0027 (2013.01); **D21F 1/0036** (2013.01); **D21F 11/006** (2013.01)

Cited by
US11591755B2; US11255051B2; US11313061B2; US11788221B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 03040450 A2 20030515; WO 03040450 A3 20040311; AU 2002347933 B2 20070125; BR 0213365 A 20041207; BR 0213365 B1 20140930; CA 2463847 A1 20030515; CA 2463847 C 20100629; EP 1440195 A2 20040728; EP 1440195 B1 20110831; EP 1876291 A2 20080109; EP 1876291 A3 20090722; EP 1876291 B1 20140924; MX PA04003430 A 20040708

DOCDB simple family (application)
US 0233225 W 20021017; AU 2002347933 A 20021017; BR 0213365 A 20021017; CA 2463847 A 20021017; EP 02784144 A 20021017; EP 07019184 A 20021017; MX PA04003430 A 20021017