

Title (en)

Fabric comprising nonwoven elements for use in the manufacture of tissue products having visually discernable background texture regions bordered by curvilinear decorative elements and method of manufacture of tissue products

Title (de)

Bespannung mit nicht gewebten Elementen zum Einsatz bei der Herstellung von Tissue-Produkten mit optisch erkennbaren, von krummlinigen Dekorelementen umgrenzten Hintergrund-Strukturbereichen und Verfahren zur Herstellung von Tissue-Produkten

Title (fr)

Toile comprenant des éléments non tissés pour la fabrication de papier de soie présentant des zones de fond texturées visuellement discernables bordées par des éléments décoratifs curvilignes, et procédé pour la fabrication de papier de soie

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Application

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- US 1585901 A 20011102
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Abstract (en)

[origin: WO03040470A1] The present invention is a sculpted fabric (100) for the manufacture of a tissue web, having a tissue machine contacting side and a tissue contacting side and a method for making such a sculpted fabric. The tissue contacting side includes an upper porous member (105) comprising a base (102) with nonwoven elevated regions (40, 52) thereon. The nonwoven elevated regions comprise a first group of nonwoven raised elements (108) and a second group of nonwoven raised elements, both raised relative to the base. The first group of nonwoven raised elements extends in at least a first direction and the second group of nonwoven raised elements extends in at least a second direction. The first and second groups of nonwoven raised elements are arranged on the base to produce elevated and depressed regions (40, 42, 52, 54) defining a three-dimensional tissue contacting surface comprising: a) a first background region (38) having a set of substantially parallel first elevated regions (40) comprising at least a subset of the first group of nonwoven raised elements, and comprising a first group of depressed regions (42), wherein the first elevated regions and the first depressed regions alternate; b) a second background region (50) having a set of substantially parallel second elevated regions (52) comprising at least a subset of the second group of nonwoven raised elements, and comprising a second group of depressed regions (54), wherein the second elevated regions and the second depressed regions alternate; and, c) a transition region (62) positioned between the first and second background regions, wherein the first elevated regions of the first background region terminate and the second elevated regions of the second background region terminate.

IPC 8 full level

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