

Title (en)

COMPOSITE SHEET AND METHODS FOR PRINTING DIFFERENTLY-TRANSFORMED IMAGES USING COMPOSITE SHEET

Title (de)

SCHICHTKOMBINATION UND DRUCKVERFAHREN FÜR UNTERSCHIEDLICH- TRANSFORMIERTER BILDERN

Title (fr)

FEUILLE COMPOSITE ET PROCEDES POUR IMPRIMER DES IMAGES TRANSFORMEES DIFFEREMMENT EN UTILISANT UNE FEUILLE COMPOSITE

Publication

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Application

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Abstract (en)

[origin: WO9701796A1] A composite sheet and a method for printing differently-transformed images using a composite sheet. In the method, a composite sheet is provided that has first and second portions. The first portion defining a primary receiver having a first set of receiver spectral characteristics. A secondary receiver is selected. The secondary receiver defines a second set of receiver spectral characteristics. A set of colorants is selected. The colorants define a first set of colorant spectral characteristics for printing the first receiver and a second set of colorant spectral characteristics for printing the second receiver. The first sets of spectral characteristics, taken together, have one or more differences from the second sets of spectral characteristics. Digitized first and second images are provided. The digitized first image is normalized relative to the first sets of spectral characteristics to provide a normalized-digitized first image. The digitized second image is normalized relative to the second sets of spectral characteristics to provide a normalized-digitized second image. After the normalizing steps, the colorants are deposited on the portions of the composite sheet. The depositing on the first portion is modulated by the normalized-digitized first image to create a first colorant image. The depositing on the second portion is modulated by the normalized-digitized second image to create a second colorant image.

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