

Title (en)

METHOD FOR THE CREATION OF COLOR EFFECT IMAGES

Title (de)

VERFAHREN ZUR ERZEUGUNG VON FARBEFFEKTBILDERN

Title (fr)

PROCEDE POUR PRODUIRE DES ELEMENTS CREATEURS D'EFFET DE COULEURS

Publication

EP 1874487 A1 20080109 (DE)

Application

EP 06724571 A 20060426

Priority

- EP 2006003841 W 20060426
- DE 102005019919 A 20050427

Abstract (en)

[origin: WO2006114289A1] Disclosed is a method for creating color effect images on a carrier substrate. According to said method, a latent magnetic image comprising magnetic pixels and non-magnetic pixels is created on a magnetizable printing form (11), a carrier substrate (12) encompassing a decorative layer that is applied to the carrier substrate (12) and is provided with non-spherical, preferably needle-shaped or lamellar magnetic color effect pigments is guided past the magnetizable printing form (11) such that the orientation of color effect pigments of the decorative layer relative to the carrier substrate changes with the aid of the image of the lines of force created by the magnetic pixels of the magnetizable printing form, and the color effect pigments are fixed in the decorative layer in the orientation modified by the image of the lines of force of the printing form. Also disclosed are a device for carrying out the inventive method as well as a multilayer element produced therewith.

IPC 8 full level

B05D 5/06 (2006.01); **B05D 3/02** (2006.01); **B05D 3/06** (2006.01); **B05D 3/14** (2006.01)

CPC (source: EP US)

B05D 3/20 (2013.01 - EP US); **B05D 5/065** (2013.01 - EP US); **B05D 3/0254** (2013.01 - EP US); **B05D 3/067** (2013.01 - EP US); **B05D 3/068** (2013.01 - EP US); **B05D 2252/02** (2013.01 - EP US); **B05D 2601/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2006114289A1

Cited by

CN107377333A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006114289 A1 20061102; DE 102005019919 A1 20061116; EP 1874487 A1 20080109; EP 1874487 B1 20140702; US 2008213516 A1 20080904; US 8263191 B2 20120911

DOCDB simple family (application)

EP 2006003841 W 20060426; DE 102005019919 A 20050427; EP 06724571 A 20060426; US 91102006 A 20060426