

Title (en)

METHOD AND APPARATUS FOR PRODUCING THREE-DIMENSIONAL SURFACES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN VON DREIDIMENSIONALEN OBERFLÄCHEN

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE RÉALISER DES SURFACES TRIDIMENSIONNELLES

Publication

EP 2566700 B1 20171101 (DE)

Application

EP 11722754 A 20110506

Priority

- DE 102010019838 A 20100507
- EP 2011057324 W 20110506

Abstract (en)

[origin: WO2011138441A1] The invention relates to a method for producing three-dimensional surfaces (1; 30; 40) on a carrier element (5; 31; 41), in which method a plurality of layers (22 to 25; 32 to 34; 42) arranged one above another produce a structure (2), wherein the layers (22 to 25; 32 to 34; 42) are applied in succession to the carrier element (5; 31; 41) by means of at least one digital printing press (13 to 16), and wherein at least one of the layers (22 to 25; 32 to 34; 42) serves to produce an image and contains pigmented inks or dyes which are UV-curable, in particular, in a binder.

IPC 8 full level

B41J 3/407 (2006.01); **B41J 11/00** (2006.01)

CPC (source: EP US)

B41J 3/407 (2013.01 - EP US); **B41J 11/00214** (2021.01 - EP US)

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)

DE 102010019838 A1 20111110; EP 2566700 A1 20130313; EP 2566700 B1 20171101; PL 2566700 T3 20180330; RU 2012152647 A 20140620; RU 2564606 C2 20151010; WO 2011138441 A1 20111110

DOCDB simple family (application)

DE 102010019838 A 20100507; EP 11722754 A 20110506; EP 2011057324 W 20110506; PL 11722754 T 20110506; RU 2012152647 A 20110506