

Title (en)  
THREE-DIMENSIONAL PRINTING METHOD FOR PRODUCING A PRODUCT PROTECTED AGAINST FORGERY BY MEANS OF A SECURITY FEATURE

Title (de)  
DREIDIMENSIONALES DRUCKVERFAHREN FÜR DIE HERSTELLUNG EINES MIT EINEM SICHERHEITSMERKMAL GEGEN FÄLSCHUNGEN GESCHÜTZTEN ERZEUGNISSES

Title (fr)  
PROCÉDÉ D'IMPRESSION EN TROIS DIMENSIONS POUR LA FABRICATION D'UN PRODUIT PROTÉGÉ CONTRE LES FALSIFICATIONS PAR UNE CARACTÉRISTIQUE DE SÉCURITÉ

Publication  
**EP 3386729 A1 20181017 (DE)**

Application  
**EP 16808989 A 20161206**

Priority  
• EP 15198513 A 20151208  
• EP 2016079888 W 20161206

Abstract (en)  
[origin: WO2017097763A1] The invention relates to a three-dimensional printing method for producing a product (1c) protected against forgery by means of at least one first security feature (3). Said method provides a digital 3D model of the product to be created, in addition to positions for the at least one feature material for the at least one security feature and the digital model as a program code for controlling a 3D printer. A print or layered structure of the product is then created with the predetermined materials (14a, 134) and the feature materials in the positions provided and the product is removed from the production facility and prepared for the defined use thereof.

IPC 8 full level  
**B29C 67/00** (2017.01); **B33Y 40/00** (2015.01); **G06K 19/06** (2006.01); **G06Q 10/08** (2012.01); **G07D 7/20** (2016.01)

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**B33Y 50/00** (2014.12 - EP US); **B33Y 50/02** (2014.12 - US); **G05B 19/4099** (2013.01 - US); **G07D 7/1205** (2017.04 - EP); **G07D 7/20** (2013.01 - EP); **B29C 64/118** (2017.07 - US); **B33Y 10/00** (2014.12 - US); **B33Y 40/20** (2020.01 - EP US); **G05B 2219/35134** (2013.01 - US); **G05B 2219/49007** (2013.01 - US); **G06Q 10/08** (2013.01 - EP); **G06Q 30/0185** (2013.01 - US)

Citation (search report)  
See references of WO 2017097763A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 2016079888 W 20161206**; CN 201680081247 A 20161206; EP 16808989 A 20161206; US 201616071224 A 20161206