

Title (en)

METHOD AND APPARATUS FOR PRODUCING A THREE-DIMENSIONAL SURFACE STRUCTURE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER DREIDIMENSIONALEN OBERFLÄCHENSTRUKTUR

Title (fr)

PROCÉDÉ ET APPAREIL POUR LA PRODUCTION D'UNE STRUCTURE DE SURFACE TRIDIMENSIONNELLE

Publication

**EP 4188619 A1 20230607 (EN)**

Application

**EP 21721620 A 20210420**

Priority

- IT 202000008449 A 20200422
- IB 2021053255 W 20210420

Abstract (en)

[origin: WO2021214659A1] The present invention relates to a new method and apparatus for generating a surface structure comprising the steps of: A) applying a resin A on the surface of a material; B) applying a liquid B on at least a portion of the resin A, when the resin A is liquid or partially solidified; C) polymerizing and/or solidifying the mixture consisting of resin A and liquid B; D) removing the resin A.

IPC 8 full level

**B05D 1/26** (2006.01); **B05D 1/36** (2006.01); **B05D 3/06** (2006.01); **B05D 3/12** (2006.01); **B05D 5/02** (2006.01); **B05D 7/00** (2006.01); **B29C 59/00** (2006.01); **B29C 64/124** (2017.01); **B44C 5/04** (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP)

**B05D 1/26** (2013.01); **B05D 1/36** (2013.01); **B05D 3/12** (2013.01); **B05D 5/02** (2013.01); **B41M 7/00** (2013.01); **B44C 5/04** (2013.01); **B05D 3/067** (2013.01); **B05D 7/542** (2013.01); **B44C 3/025** (2013.01); **E04F 15/107** (2013.01)

Citation (search report)

See references of WO 2021214659A1

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2021214659 A1 20211028**; EP 4188619 A1 20230607; IT 202000008449 A1 20211022

DOCDB simple family (application)

**IB 2021053255 W 20210420**; EP 21721620 A 20210420; IT 202000008449 A 20200422