

Title (en)

METHOD AND DEVICE FOR ADDITIVE MANUFACTURING OF A THREE-DIMENSIONAL OBJECT AND THREE-DIMENSIONAL OBJECT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ADDITIVEN FERTIGEN EINES DREIDIMENSIONALEN OBJEKTS SOWIE DREIDIMENSIONALES OBJEKT

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PRODUCTION ADDITIVE D'UN OBJET TRIDIMENSIONNEL AINSI QU'OBJET TRIDIMENSIONNEL

Publication

EP 3554835 A2 20191023 (DE)

Application

EP 17829145 A 20171208

Priority

- DE 102016225227 A 20161216
- EP 2017081995 W 20171208

Abstract (en)

[origin: WO2018108732A2] The invention relates to a method (300) for additive manufacturing of a three-dimensional object (1), in particular a seal and/or coating, from an elastomer in the liquid phase, in particular from a liquid silicone rubber (20), the elastomer being sprayed (301) onto a substrate (30), preferably onto a workpiece and/or onto another elastomer.

IPC 8 full level

B33Y 10/00 (2015.01); **B05D 1/02** (2006.01); **B05D 3/06** (2006.01); **B05D 3/14** (2006.01); **B29C 64/112** (2017.01); **B29C 64/209** (2017.01); **B29C 64/245** (2017.01); **B29C 64/264** (2017.01); **B33Y 30/00** (2015.01); **B33Y 80/00** (2015.01)

CPC (source: EP)

B05D 1/02 (2013.01); **B05D 3/062** (2013.01); **B05D 3/142** (2013.01); **B29C 64/112** (2017.08); **B29C 64/209** (2017.08); **B29C 64/245** (2017.08); **B29C 64/264** (2017.08); **B33Y 10/00** (2014.12); **B33Y 30/00** (2014.12); **B33Y 80/00** (2014.12)

Citation (examination)

- EP 0165695 A1 19851227 - FANETECH INST LTD [JP]
- DE 102014222685 A1 20160512 - WACKER CHEMIE AG [DE]
- DE 102015101810 A1 20160128 - HANNOVER MED HOCHSCHULE [DE]
- US 2016271874 A1 20160922 - TSAI TSUNG-CHAN [US], et al
- See also references of WO 2018108732A2

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

DOCDB simple family (publication)

WO 2018108732 A2 20180621; **WO 2018108732 A3 20180816**; CN 110035902 A 20190719; DE 102016225227 A1 20180621; EP 3554835 A2 20191023

DOCDB simple family (application)

EP 2017081995 W 20171208; CN 201780077710 A 20171208; DE 102016225227 A 20161216; EP 17829145 A 20171208