

Title (en)

ADDITIVE PRODUCTION OF A THREE-DIMENSIONAL COMPONENT COMPRISING AN ENVELOPING ELEMENT AND A FILLER MATERIAL

Title (de)

ADDITIVES HERSTELLEN EINES DREIDIMENSIONALEN BAUTEILS UMFASSEND EIN HÜLLELEMENT UND EIN FÜLLMATERIAL

Title (fr)

FABRICATION ADDITIVE D'UNE PIÈCE TRIDIMENSIONNELLE COMPRENANT UN ÉLÉMENT ENVELOPPANT ET UN MATÉRIAU DE REMPLISSAGE

Publication

EP 3541605 A1 20190925 (DE)

Application

EP 17800828 A 20171116

Priority

- DE 102016122131 A 20161117
- EP 2017079436 W 20171116

Abstract (en)

[origin: WO2018091581A1] The invention relates to a method for the production of a component, comprising the steps of: creating at least a portion of an enveloping element (10) of the component by an additive method, and introducing an, in particular foamable or at least partially foamed, filler material (20) into the portion of the enveloping element (10).

IPC 8 full level

B29C 64/118 (2017.01); **B29C 44/08** (2006.01); **B29C 64/188** (2017.01); **B29C 64/205** (2017.01); **B33Y 10/00** (2015.01); **B33Y 30/00** (2015.01); **B33Y 99/00** (2015.01); **B29K 75/00** (2006.01)

CPC (source: EP US)

B29C 44/18 (2013.01 - EP); **B29C 64/118** (2017.07 - EP US); **B29C 64/188** (2017.07 - EP US); **B29C 64/205** (2017.07 - EP); **B29C 64/209** (2017.07 - US); **B33Y 10/00** (2014.12 - EP US); **B33Y 30/00** (2014.12 - EP US); **B33Y 70/00** (2014.12 - EP US); **B33Y 99/00** (2014.12 - EP); **B29C 44/08** (2013.01 - EP); **B29K 2075/00** (2013.01 - EP); **B29K 2101/12** (2013.01 - EP); **B29K 2105/16** (2013.01 - US); **B29L 2031/44** (2013.01 - EP US); **B33Y 80/00** (2014.12 - US)

Citation (search report)

See references of WO 2018091581A1

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)

DE 102016122131 A1 20180517; CN 110023055 A 20190716; EP 3541605 A1 20190925; US 2019322039 A1 20191024; WO 2018091581 A1 20180524

DOCDB simple family (application)

DE 102016122131 A 20161117; CN 201780071194 A 20171116; EP 17800828 A 20171116; EP 2017079436 W 20171116; US 201716461783 A 20171116