

Title (en)

METHOD AND DEVICE FOR PRODUCING A THREE-DIMENSIONAL OBJECT IN LAYERS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHICHTWEISEN HERSTELLEN EINES DREIDIMENSIONALEN OBJEKTS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PRODUCTION PAR COUCHES D'UN OBJET TRIDIMENSIONNEL

Publication

EP 2869984 A1 20150513 (DE)

Application

EP 13752841 A 20130705

Priority

- DE 102012013318 A 20120706
- EP 2013064287 W 20130705

Abstract (en)

[origin: WO2014006192A1] The invention relates to a method for producing a three-dimensional object (1) by solidifying assembly material in layers at the locations corresponding to the cross-section of the object (1) to be produced in the particular layer by introducing energy by means of electromagnetic radiation, wherein a calculation is performed to determine which voltages will occur within the object (1) during the layered production and wherein, when a limit is exceeded, the object to be produced receives additional structures (4, 5) with respect to the target form of the object (1) to be produced.

IPC 8 full level

B29C 67/00 (2006.01)

CPC (source: EP US)

B29C 64/386 (2017.07 - EP US); **B29C 64/40** (2017.07 - EP US); **B33Y 50/02** (2014.12 - US)

Citation (search report)

See references of WO 2014006192A1

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 102012013318 A1 20140109; EP 2869984 A1 20150513; US 10220576 B2 20190305; US 2015142158 A1 20150521; WO 2014006192 A1 20140109

DOCDB simple family (application)

DE 102012013318 A 20120706; EP 13752841 A 20130705; EP 2013064287 W 20130705; US 201314412640 A 20130705