

Title (en)
METHOD FOR PRODUCING 3D MOULDED PARTS WITH VARIABLE TARGET PROPERTIES OF THE PRINTED IMAGE DOTS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON 3D-FORMTEILEN MIT VARIABLEN ZIELEIGENSCHAFTEN DER GEDRUCKTEN BILDPUNKTE

Title (fr)
PROCÉDÉ POUR PRODUIRE DES PIÈCES MOULÉES 3D DONT LES POINTS D'IMAGE IMPRIMÉS PRÉSENTENT DES PROPRIÉTÉS CIBLES VARIABLES

Publication
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Application
EP 20753278 A 20200714

Priority
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Abstract (en)
[origin: WO2021008641A1] A method for producing 3D moulded parts, wherein one or more building materials in the form of particles are applied in a defined layer to a building area by means of a coater (101), one or more absorbers or one or more liquids comprising one or more absorbers are selectively applied as printed image dots by means of a printhead (100), an energy input is performed by means of an energy source (108, 109), wherein the regions with selectively applied absorber are selectively solidified, the building area is lowered by the thickness of a layer or the coater is raised by the thickness of a layer, these steps are repeated until the desired 3D moulded part (103) is created, wherein the amount of absorber within a layer (301) per printed image dot is set to a predetermined value and wherein predetermined values that are different in two or more image dots can be set within a layer.

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Citation (search report)
See references of WO 2021008641A1

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