

Title (en)

METHOD FOR DISCHARGING PARTICULATE BUILDING MATERIAL IN A 3D PRINTER

Title (de)

VERFAHREN ZUM AUSTRAGEN VON PARTIKELFÖRMIGEM BAUMATERIAL IN EINEM 3D-DRUCKER

Title (fr)

PROCÉDÉ POUR ÉVACUER UN MATÉRIAU DE CONSTRUCTION PARTICULAIRE DANS UNE IMPRIMANTE 3D

Publication

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Application

EP 22718048 A 20220322

Priority

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Abstract (en)

[origin: WO2022199735A1] The invention relates to a method for discharging particulate building material in a 3D printer, in which method: the building material curtain (6) consisting of particulate building material (2) is optically monitored in a working step in which the particulate building material (2) is discharged in a region of the building material curtain (6) between the applicator (1) and the construction area (4); an image of the building material curtain (6) is generated and/or at least one dimension of the building material curtain (6) is determined; the image and/or the at least one dimension is compared with an associated reference image and/or a predefined reference value and, if the image deviates from the reference image and/or the dimension deviates from the associated reference value, at least one discharge parameter for discharging the particulate building material (2) is changed.

IPC 8 full level

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