

Title (en)
METHOD FOR PRODUCING A WORKPIECE BY MEANS OF AN ADDITIVE PRODUCTION METHOD, AND DEVICE WHICH IS SUITABLE FOR CARRYING OUT THE METHOD

Title (de)
VERFAHREN ZUM ERZEUGEN EINES WERKSTÜCKS DURCH EIN ADDITIVES HERSTELLUNGSVERFAHREN UND VORRICHTUNG, DIE ZUR DURCHFÜHRUNG DES VERFAHRENS GEEIGNET IST

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE PIÈCE AU MOYEN D'UN PROCÉDÉ DE FABRICATION ADDITIVE ET DISPOSITIF ADAPTÉ À LA MISE EN UVRE DU PROCÉDÉ

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Application
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Abstract (en)
[origin: WO2018054727A1] The invention relates to a method for producing a workpiece by means of a powder bed-based additive production method. The workpiece (11) is produced in the powder bed (12) in that the powder bed is smoothed out to a target level (14) by means of a slide (13). If obstacles (17) (such as spatter for example) prevent the smoothing of the powder bed by means of the slide, the slide is deflected into a deflection position. According to the invention, the remaining powder (30) is removed by a tracked brush (23). The bristles are advantageously adapted precisely to the contour of the obstacle (17), whereby the removal of the remaining powder is achieved. The invention also relates to a system for the additive production of workpieces, wherein a slide and a brush are used simultaneously to smooth out the powder bed.

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See references of WO 2018054727A1

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