

Title (en)

METHOD FOR IRRADIATING A POWDER LAYER IN ADDITIVE PRODUCTION USING CONTINUOUSLY DEFINED PRODUCTION PARAMETERS

Title (de)

VERFAHREN ZUM BESTRAHLEN EINER PULVERSCHICHT IN DER ADDITIVEN HERSTELLUNG MIT KONTINUIERLICH DEFINIERTEN HERSTELLUNGSPARAMETERN

Title (fr)

PROCÉDÉ D'IRRADIATION D'UNE COUCHE DE POUDRE AU COURS D'UNE FABRICATION ADDITIVE COMPRENANT DES PARAMÈTRES DE FABRICATION DÉFINIS EN CONTINU

Publication

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Application

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Abstract (en)

[origin: WO2019068455A1] The invention relates to a method for providing data for selectively irradiating a powder layer in additive production, the method comprising: providing a predefined component geometry for a component (10); dividing the component geometry (10) into at least one first component layer (S1) and an overlying second component layer (S2) for additive production, wherein a contour (B) of the second component layer (S2) is incongruent with a contour (A) of the first component layer (S1); and continuously defining at least one production parameter (HP) for additively producing the second component layer (S2) in region (X) of a molten bath of a contour (A) of the first component layer (S1). The invention also relates to a corresponding component and computer programme product.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019068455A1

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