

Title (en)
REGULATION METHOD FOR ADDITIVE MANUFACTURING

Title (de)
REGELUNGSVERFAHREN FÜR DIE ADDITIVE HERSTELLUNG

Title (fr)
PROCÉDÉ DE RÉGULATION POUR LA FABRICATION ADDITIVE

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Application
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Abstract (en)
[origin: WO2020104139A1] The invention relates to a regulation method for the additive manufacturing of a component (10). The method comprises:
a) acquiring spatially resolved temperature data (T) for a layer (1, 2) built up additively during the manufacture of the component (10); b) determining at least one region-of-interest (ROI) on the layer (1), which is intended to be processed during the manufacture of the component (10); c) classifying temperature values (T, T1, T2) of the region-of-interest (ROI); d) forming an average value (M) of the classified temperature values (T); and e) controlling a processing device (20) with the formed average value (M) as the input value in order to process the layer (1). The invention further relates to a corresponding device, a computer program product and an additive manufacturing method.

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