Title (en)
METHOD FOR PROVIDING DATA FOR ADAPTIVE TEMPERATURE REGULATION

Title (de)
VERFAHREN ZUM BEREITSTELLEN VON DATEN FÜR EINE ADAPTIVE TEMPERATURREGELUNG

Title (fr)
PROCÉDÉ DE FOURNITURE DE DONNÉES POUR UN RÉGLAGE ADAPTATIF DE LA TEMPÉRATURE

Publication
EP 3843919 A1 20210707 (DE)

Application
EP 19801701 A 20191028

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- EP 18207815 A 20181122
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Abstract (en)
[origin: WO2020104140A1] The invention relates to a method for providing data (D) for temperature regulation in the additive manufacture of a component (10). The method comprises: a) acquiring temperature data (T) at various positions (P1, P2) of a layer (1) built up additively; b) processing the layer (1) for the component (10) using a processing device (20) at the positions (P) of the layer (1), wherein regulation data (R) for regulating the processing device is acquired depending on a position; and c) generating an adapted data set (D') from the acquired data (R, T) comprising position-dependent adapted regulation data (R'). The invention further relates to a corresponding device, a computer program product, a method for the additive manufacture of a component, and a corresponding component.

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C-Set (source: EP US)
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Citation (examination)
- US 2017368754 A1 20171228 - FRUTH ALBERT [DE], et al
- ANONYMOUS: "Adaptive Regelung - Wikipedia", 13 December 2022 (2022-12-13), XP093007621, Retrieved from the Internet <URL:https://de.wikipedia.org/wiki/Adaptive_Regelung> [retrieved on 20221213]
- See also references of WO 2020104140A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3656490 A1 20200527; CN 113165071 A 20210723; EP 3843919 A1 20210707; US 2022011744 A1 20220113; WO 2020104140 A1 20200528

DOCDB simple family (application)
EP 18207815 A 20181122; CN 201980077206 A 20191028; EP 19801701 A 20191028; EP 2019079375 W 20191028; US 201917294389 A 20191028