

Title (en)
METHOD FOR THE ADDITIVE MANUFACTURING OF A COMPONENT

Title (de)
VERFAHREN ZUR ADDITIVEN HERSTELLUNG EINES BAUTEILS

Title (fr)
PROCÉDÉ DESTINÉ À LA FABRICATION ADDITIVE D'UN ÉLÉMENT

Publication
EP 4308329 A1 20240124 (DE)

Application
EP 22729204 A 20220517

Priority
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Abstract (en)
[origin: WO2022263078A1] The invention relates to a method for the additive manufacturing of a component (2), comprising the following steps: creating a machine code; creating a generalised anomaly detection model and creating an adaptive anomaly detection model; transferring the machine code and the detection models to a control system; starting the manufacturing process; monitoring the process with sensors; evaluating sensor signals of the manufacturing process with the help of the generalised anomaly detection model; parallel teaching of a specialised anomaly detection model from an adaptive anomaly detection model by means of process data of the running manufacturing process; detection of anomalies in the production of the component with the help of the specialised anomaly detection model during the manufacturing process.

IPC 8 full level
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