

Title (en)

METHOD FOR THE ADDITIVE MANUFACTURE OF COMPONENTS, DEVICE, CONTROL METHOD, AND STORAGE MEDIUM

Title (de)

VERFAHREN ZUR GENERATIVEN FERTIGUNG VON BAUTEILEN, VORRICHTUNG, VERFAHREN ZUR STEUERUNG UND
SPEICHERMEDIUM

Title (fr)

PROCÉDÉ DE FABRICATION ADDITIVE DE COMPOSANTS, DISPOSITIF, PROCÉDÉ DE COMMANDE ET SUPPORT DE STOCKAGE

Publication

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Application

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Abstract (en)

[origin: WO2021037522A1] The invention relates to a method for the additive manufacture of components (2), wherein a pulverulent or wire-shaped metal construction material is deposited on a platform (4) in layers, melted using a primary heating device (7), in particular using a laser or electron beam (14), and is heated using an induction heating device (8) which has an alternating voltage supply device (9) with an induction generator (16) and at least one induction coil (10) that can be moved over the platform (4). The induction generator (16) is controlled such that the induction generator is driven with a different output at different specified positions of the at least one induction coil (10). The invention additionally relates to a device, to a control method, and to a storage medium.

IPC 8 full level

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