

Title (en)

METHOD AND DEVICE FOR CONTROLLING A JETTING SYSTEM FOR PRODUCING WORKPIECES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STEUERN EINES BESTRAHLUNGSSYSTEMS ZUR WERKSTÜCKHERSTELLUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR COMMANDER UN SYSTÈME D'IRRADIATION POUR LA FABRICATION DE PIÈCES

Publication

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Application

EP 18700568 A 20180115

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Abstract (en)

[origin: CA3053691A1] The invention relates to a method for controlling a jetting system (20), the jetting system (20) being used in a device (10) for the additive manufacturing of three-dimensional workpieces and comprising at least three jetting units (22a-d, 50), the method comprising the following steps: a) defining a jetting region (30a-d) for each of the jetting units (22a-d, 50), the jetting regions (30a-d) each comprising a portion of a jetting plane (28) which extends parallel to a support (16) of the device (10), and the jetting regions (30a-d) being defined such that they overlap in a common overlap region (34); b) jetting a raw material powder layer on the support (16) to produce a workpiece layer; c) arranging a further raw material powder layer on the already jetted raw material powder layer to produce a further workpiece layer. d) The invention also relates to a device for performing this method.

IPC 8 full level

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CPC (source: EP RU US)

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