

Title (en)

MANUFACTURING DEVICE AND METHOD FOR ADDITIVE MANUFACTURING WITH MOVABLE GAS OUTLET

Title (de)

HERSTELLVORRICHTUNG UND VERFAHREN FÜR ADDITIVE HERSTELLUNG MIT MOBILEM GASAUSLASS

Title (fr)

DISPOSITIF DE FABRICATION ET PROCÉDÉ DE FABRICATION ADDITIVE DOTÉ D'UNE SORTIE DE GAZ MOBILE

Publication

EP 3774129 A1 20210217 (DE)

Application

EP 19715885 A 20190402

Priority

- DE 102018108834 A 20180413
- EP 2019058261 W 20190402

Abstract (en)

[origin: WO2019197213A1] The invention relates to a manufacturing device (a1) for the additive manufacture of a three-dimensional object (a2), wherein the object is manufactured by applying layer after layer of a building material (a15) and selectively solidifying the building material, in particular by supplying radiation energy to points (a9) in each layer associated with the cross-section of the object in this layer, in that the points (a9) are scanned with at least one zone of influence, in particular a zone of influence of the radiation of a radiation beam (a22), and during operation the movable gas outlet (32) is associated with a reference process point (9) and/or with a target gas supply zone of the movable gas inlet associated with the reference process point in order to supply a flow of process gas to a target venting zone (22) of the movable gas outlet (32).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019197213A1

Designated contracting state (EPC)

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