

Title (en)
SUCTION DEVICE FOR ADDITIVE PRODUCTION

Title (de)
ABSAUGVORRICHTUNG FÜR DIE ADDITIVE FERTIGUNG

Title (fr)
DISPOSITIF D'ASPIRATION DESTINÉ À LA FABRICATION ADDITIVE

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Application
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Abstract (en)
[origin: WO2019001900A1] The invention relates to a device (100) for guiding a protective gas (SG) over a powder bed (PB) for the purpose of additive production. The device comprises a gas inlet (14) for introducing the protective gas (SG) to the powder bed (PB) and a stationary gas outlet (12) for removing the protective gas (SG), wherein the device (100) is furthermore designed to guide the protective gas (SG) over the powder bed (PB) in a laminar manner, and wherein the device (100) furthermore has an outlet opening (10), configured parallel to a powder bed plane, for suctioning the protective gas out of a construction chamber (BR) during additive production of a component (3). The invention furthermore relates to a method for guiding a protective gas flow.

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