

Title (en)

DEVICE AND METHOD FOR ADDITIVE MANUFACTURING UNDER PROTECTIVE GAS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ADDITIVEN FERTIGUNG UNTER SCHUTZGAS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION ADDITIVE SOUS GAZ PROTECTEUR

Publication

**EP 4171851 A1 20230503 (DE)**

Application

**EP 21730571 A 20210602**

Priority

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- EP 2021064850 W 20210602

Abstract (en)

[origin: CA3184100A1] The invention relates to a device for the additive manufacturing of workpieces under protective gas, which device is provided with a manufacturing chamber designed as a pressure chamber, said manufacturing chamber being fluidically connected to a pressure container via a gas extraction line, which is provided with a vacuum pump, and via a gas return line. After the manufacturing of a first workpiece, the protective gas present in the manufacturing chamber is evacuated, temporarily stored in the pressure container and, prior to the manufacturing of a second workpiece, is introduced into the manufacturing chamber.

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

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