

Title (en)
CONTAINER ASSEMBLY OF AN UNPACKING DEVICE FOR A MANUFACTURING DEVICE, UNPACKING DEVICE HAVING A CONTAINER ASSEMBLY OF THIS TYPE, AND MANUFACTURING DEVICE

Title (de)
BEHÄLTERANORDNUNG EINER ENTPACKUNGSVORRICHTUNG FÜR EINE FERTIGUNGSVORRICHTUNG, ENTPACKUNGSVORRICHTUNG MIT EINER DERARTIGEN BEHÄLTERANORDNUNG SOWIE FERTIGUNGSVORRICHTUNG

Title (fr)
SYSTÈME DE RÉCIPIENT D'UN DISPOSITIF DE DÉBALLAGE POUR UN DISPOSITIF DE FABRICATION, DISPOSITIF DE DÉBALLAGE ÉQUIPÉ D'UN SYSTÈME DE RÉCIPIENT DE CE TYPE, ET DISPOSITIF DE FABRICATION

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Application
EP 21791318 A 20211012

Priority
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• EP 2021078165 W 20211012

Abstract (en)
[origin: WO2022089935A1] A container assembly (1) of an unpacking device for a manufacturing device for the additive manufacturing of a three-dimensional component (9) by the selective solidification of pulverous build material (build-material powder) comprises: - a build container (2), which has a build space (8); and - a collecting container (3), which is detachably connected to the build container (2) and has a collecting space (30). The build container (2) has a container cover (12) for the build space (8), which container cover, when closed, seals off the build space (8) and an inert atmosphere contained in the build space from the surroundings. Outside of the build container (2), a collecting-container-side part (31) of an interior (32) of the container assembly (1) is provided within the container assembly (1). By means of an opening device (4) for the container cover (12) of the build container (2), which opening device can be actuated from outside the interior (32) of the container assembly (1), the closed container cover (12) of the build container (2) can be opened, while the collecting-container-side part (31) of the interior (32) of the container assembly (1) contains an inert atmosphere, and thus the build space (8) of the build container (2) can be connected to the collecting space (30) of the collecting container (3). An unpacking device is provided with a container assembly (1) of the aforementioned type. A manufacturing device has an unpacking device of this type.

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