

Title (en)

PLATFORM UNIT, 3D PRINTING DEVICE AND 3D PRINTING PROCESS

Title (de)

PLATTFORMEINHEIT, 3D-DRUCKVORRICHTUNG UND 3D-DRUCKVERFAHREN

Title (fr)

UNITÉ DE PLATEFORME, DISPOSITIF D'IMPRESSION 3D ET PROCÉDÉ D'IMPRESSION 3D

Publication

**EP 3934886 A1 20220112 (DE)**

Application

**EP 20713179 A 20200304**

Priority

- DE 102019202939 A 20190305
- EP 2020055686 W 20200304

Abstract (en)

[origin: WO2020178331A1] The proposed solution relates in particular to a platform unit (1) for being arranged on a base plate (D) of a 3D printing device (V), wherein the platform unit (1) defines a printing area (F) for a component to be built up three-dimensionally in layers. The platform unit (1) can be detachably fastened to the base plate (D) and has a) at least one heating device (100) for heating the printing area (F) and/or b) at least one removable sintering base plate, which defines at least part of the printing area (F), and/or c) at least one magnetizing device (140, 141a-141c) for the alignment of magnetic particles printed for the component.

IPC 8 full level

**B29C 64/118** (2017.01); **B29C 64/245** (2017.01); **B33Y 30/00** (2015.01)

CPC (source: EP IL US)

**B29C 64/118** (2017.07 - EP IL); **B29C 64/165** (2017.07 - US); **B29C 64/245** (2017.07 - EP IL US); **B29C 64/295** (2017.07 - EP IL US); **B33Y 10/00** (2014.12 - EP IL US); **B33Y 30/00** (2014.12 - EP IL US); **B29K 2995/0008** (2013.01 - US); **Y02P 10/25** (2015.11 - EP)

Citation (search report)

See references of WO 2020178331A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102019202939 A1 20200910**; CN 113498377 A 20211012; EP 3934886 A1 20220112; IL 285594 A 20210930; JP 2022522876 A 20220420; US 2022134661 A1 20220505; WO 2020178331 A1 20200910

DOCDB simple family (application)

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