

Title (en)

MODULAR TRAY FOR THE ADDITIVE MANUFACTURING OF A PART WITH AN AXIS OF REVOLUTION ON A POWDER BED

Title (de)

MODULARE SCHALE ZUR GENERATIVEN FERTIGUNG EINES TEILS MIT EINER ROTATIONSACHSE AUF EINEM PULVERBETT

Title (fr)

PLATEAU MODULAIRE POUR LA FABRICATION ADDITIVE SUR LIT DE POUDRE D'UNE PIÈCE À AXE DE RÉVOLUTION

Publication

**EP 4110588 A1 20230104 (FR)**

Application

**EP 21721154 A 20210331**

Priority

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Abstract (en)

[origin: WO2021205096A1] The invention relates to a modular tray (12) for the additive manufacturing of a part with an axis of revolution on a powder bed, characterised in that it comprises: - a circular shaft module (13) comprising a shaft provided with a circular tray at one end thereof, the shaft and the circular tray being concentric; and - a main support module (16) having a cavity (17) in one face configured to receive the circular shaft module (13), the shaft being inserted completely into the cavity; the assembly of the circular shaft module and the main support module defining a planar upper surface which is formed at least in part by the circular tray of the circular shaft module. A modular tray (12) for the additive manufacturing of a part with an axis of revolution on a powder bed, characterised in that it comprises: a circular shaft module (13) comprising a shaft provided with a circular tray at one end thereof, the shaft and the circular tray being concentric; and a main support module (16) having a cavity (17) in one face configured to receive the circular shaft module (13), the shaft being inserted completely into the cavity; the assembly of the circular shaft module and the main support module defining a planar upper surface which is formed at least in part by the circular tray of the circular shaft module.

IPC 8 full level

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