

Title (en)

THERMOPLASTIC POLYMER COMPOSITION FOR CONSTRUCTING 3D ARTICLES

Title (de)

THERMOPLASTISCHE POLYMERZUSAMMENSETZUNG ZUM KONSTRUIEREN VON 3D-ARTIKELN

Title (fr)

COMPOSITION DE POLYMÈRE THERMOPLASTIQUE POUR CONSTRUCTION D'ARTICLES 3D

Publication

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Application

EP 20796642 A 20201008

Priority

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Abstract (en)

[origin: WO2021069843A1] The invention relates to a composition for constructing a three-dimensional article layer by layer, by sintering of the composition caused by electromagnetic radiation, the composition comprising a semi-crystalline thermoplastic polymer powder and at least one wax, the wax having a melting point greater than the crystallisation temperature of the semi-crystalline thermoplastic polymer, the composition further optionally comprising a flow agent. The invention also relates to a method for preparing the composition and its use for constructing a three-dimensional article layer by layer.

IPC 8 full level

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Citation (search report)

See references of WO 2021069843A1

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