

Title (en)
HEATING DEVICE WITH INFRARED RADIATING ELEMENTS

Title (de)
HEIZEINRICHTUNG MIT INFRAROT-STRAHLERN

Title (fr)
DISPOSITIF DE CHAUFFAGE DOTÉ D'ÉLÉMENTS RAYONNANTS INFRAROUGE

Publication
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Application
EP 19786559 A 20191009

Priority

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Abstract (en)
[origin: WO2020074571A1] The invention relates to a heating device for heating a powder during the production of a 3D moulded part, comprising an IR radiating element and a housing, in which a construction space is provided, which is limited from below by a construction platform for receiving the moulded part, which rests on a carrier plate. In order to provide a corresponding heating device with an IR radiating element for heating a powder in the production of the 3D moulded part in a construction space, which guarantees an optimised heat transfer to the sintering or melting powder with a particularly homogeneous temperature distribution, according to the invention, a separating wall made of a material that is transparent for IR radiation is arranged between the construction space and the infrared radiating element.

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