

Title (en)

METHOD FOR THERMAL TREATMENT OF A CERAMIC PART BY MICROWAVES

Title (de)

VERFAHREN ZUR WÄRMEBEHANDLUNG EINES KERAMIKTEILS DURCH MIKROWELLEN

Title (fr)

PROCEDE DE TRAITEMENT THERMIQUE D'UNE PIECE EN MATERIAU CERAMIQUE PAR MICRO-ONDES

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Application

EP 17786935 A 20171020

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Abstract (en)

[origin: WO2018077735A1] The present invention belongs to the field of thermal treatment of ceramic materials, and relates to a method for thermal treatment of a solid ceramic part in a microwave cavity, the direction of the electrical field E being substantially uniform in an empty cavity, comprising the steps that consist of placing, in the cavity, at least one ceramic part surrounded by at least one first susceptor with dimensions, material and arrangement configured to emit infrared radiation, each first susceptor including at least one first main surface, each first main surface being an adjusted surface in which the cone distances are parallel to said electrical field E, and of emitting said microwaves into said cavity.

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