

Title (en)

MICROWAVE SINTERING FURNACE AND METHOD FOR SINTERING ARTIFICIAL TOOTH USING THE SAME

Title (de)

MIKROWELLEN-SINTEROFEN UND VERFAHREN ZUM SINTERN EINES KÜNSTLICHEN ZAHNS DAMIT

Title (fr)

FOUR DE FRITTAGE À MICRO-ONDES ET MÉTHODE DE FRITTAGE DE DENTS ARTIFICIELLES L'UTILISANT

Publication

EP 2182881 A2 20100512 (EN)

Application

EP 08793183 A 20080811

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Abstract (en)

[origin: WO2009020378A2] A method of sintering artificial teeth using a microwave sintering furnace, the method comprising the steps of: (1) providing first and second insulation material frames made of a ceramic material, at least one of which has formed therein a workpiece-receiving space for inserting a workpiece! (2) placing a first heating element in the workpiece-receiving space and placing artificial tooth cores around the first heating element; (3) combining the first and second insulation material frames with each other to form an assembly of insulation material frames; (4) placing the assembly of the insulation material frames in a microwave oven and operating the microwave oven for less than 4 hours to heat the artificial tooth cores.

IPC 8 full level

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