

Title (en)
FURNACE HAVING VERTICAL ARRANGEMENT OF THE COMBUSTION CHAMBER FOR DENTAL COMPONENTS AND HEAT-RESISTANT BASE

Title (de)
OFEN IN VERTIKALER ANORDNUNG DER BRENNKAMMER FÜR DENTALBAUTEILE UND WÄRMEFESTE UNTERLAGE

Title (fr)
FOUR À CHAMBRE DE COMBUSTION AGENCÉE VERTICALEMENT POUR ÉLÉMENTS DENTAIRES ET SUPPORT RÉSISTANT À LA CHALEUR

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Application
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Abstract (en)
[origin: WO2017144488A1] The invention relates to a furnace (1) having a vertical orientation for dental components (11), comprising a combustion chamber (2), which is open at the bottom and the opening (2.1) of which can be closed by means of a furnace door (3), which is lowered in the vertical direction in the open position, and comprising a depositing region (10) for the heated component (11), which depositing region is arranged at a distance from the opening (3) in the combustion chamber (2). The depositing region is part of the furnace, and a cooling device that acts on the depositing region is arranged on or in the furnace. A heat-resistant base (21) has a heat-resistant support (12) arranged in a housing (22), which support has an active or passive cooling device, which, for example, has a Peltier element (30).

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CPC (source: EP KR US)
F27B 17/025 (2013.01 - EP KR US); **F27D 15/02** (2013.01 - EP KR US)

Citation (opposition)
Opponent : Ivoclar Vivadent AG
• US 8109761 B1 20120207 - NEAL MIKE [US], et al
• CA 1327465 A
• EP 2101133 A1 20090916 - STRAUMANN HOLDING AG [CH]
• US 5977293 A 19991102 - STEUERLE ULRICH [DE], et al
• KR 101179501 B1 20120907
• EP 0775883 A1 19970528 - IVOCLAR AG [LI]
• "Programat 510", IVOCLAR VIVADENT TECHNICAL

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