

Title (en)
INVESTMENT COMPOUND FOR MOULDING TECHNIQS IN DENTAL TECHNOLOGY, USE OF INVESTMENT COMPOUND AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
EINBETTMASSE FÜR DIE MODELLGUSSTECHNIK IN DER DENTALTECHNIK, VERWENDUNG DER EINBETTMASSE UND VERFAHREN ZUR HERSTELLUNG EINER EINBETTMASSE

Title (fr)
MELANGE DE REVETEMENT POUR LA COULEE DE MODELES EN DENTISTERIE, UTILISATION DUDIT MELANGE, ET PROCEDE DE PRODUCTION D'UN MELANGE DE REVETEMENT

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Abstract (en)
[origin: WO9809604A1] The invention relates to an investment compound for moulding technics in dental technology comprising sand and a binding agent wherein the binding agent contains monoammonium phosphate (MAP) and magnesium oxide (MGO), as well as use of the investment compound and a method for the production of said compound. With known investment compounds in dental technology a long preheating period is required for the moulding muffle, which is produced with the compound, in order to reach a final temperature at which the moulding muffle can be cast. According to the invention an investment compound is created and can be placed directly in a pre-warmed furnace at a final temperature above 900 DEG C without causing any damage to the moulding muffle. A method for the production and use of the embedding compound are also disclosed.

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