

Title (en)
METHOD AND DEVICE FOR PRODUCING PREFERABLY PLATE-SHAPED MOULDED BODIES FROM ESSENTIALLY ORGANIC FOAM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON BEVORZUGT PLATTENFÖRMIGEN FORMKÖRPERN AUS ÜBERWIEGEND ANORGANISCHEM SCHAUM

Title (fr)
PROCEDE ET DISPOSITIF DE PRODUCTION DE CORPS MOULES SE PRESENTANT, DE PREFERENCE, SOUS FORME DE PLAQUES ET COMPOSES ESSENTIELLEMENT DE MOUSSE INORGANIQUE

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Abstract (en)
[origin: WO9910297A2] The invention relates to a method for producing preferably plate-shaped moulded bodies from essentially organic, especially phosphate-based foam, consisting of at least two aqueous, essentially organic constituents which when mixed harden within a period of 10 seconds to 60 minutes at room temperature. The aim of the invention is to improve said method in such a way as to enable large quantities of plates and moulded parts consisting of inorganic light materials with densities of 0.04 g/cm³ to 0.95 g/cm³ to be produced preferably continuously, and to provide a stationary device for carrying out the method. To this end, the constituents are supplied from reserve containers (5) or are continuously produced in a raw materials mixer (3), and then continuously fed in metered quantities to one or several constituent mixers (7). After a brief mixing time (maximum 10 seconds), the mixture of the two constituents is placed on a support (9a, 9b), in which case said mixture is of a predetermined thickness, or placed in a mould (9c), in which case the mixture is of a predetermined quantity. Finally, the foamed, solid, moulded body produced from the mixture is subjected to a drying process.

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