

Title (en)

CONTINUOUS METHOD AND APPARATUS FOR HEAT TREATMENT OF MASS

Title (de)

KONTINUIERLICHES VERFAHREN UND VORRICHTUNG ZUR WÄRMEBEHANDLUNG EINER MASSE.

Title (fr)

APPAREIL ET PROCEDE CONTINU DE TRAITEMENT THERMIQUE D'UNE MASSE

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Application

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Abstract (en)

[origin: WO9942776A1] The method relates to a continuous method for heat treatment of mass. In the method, mass is supplied to a rotatable chamber (4) where it is stirred, thereby subjecting it to hot gas that is in the chamber (4). The treated mass is then dried and cooled in a drying section (11). The mass is heated by using a burner (9), the combustion gases of which are conveyed via a gas pipe (14) supplied through the chamber (4) into the drying section (11). The gas in the chamber (4) is indirectly heated through the walls of the gas pipe (14). In the drying section (11) the combustion gases are supplied to the mass to be treated. The invention further relates to a continuous apparatus for heat treatment of mass. The apparatus comprises a processing vessel (3) rotatable about its longitudinal axis, the vessel comprising a chamber (4) and a drying section (11). At one end of the chamber (4) there is a burner (9), the combustion gases of which are conveyed via a gas pipe (14). The gas pipe (14) is supplied through the chamber (4) and connected to the drying section (11).

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