

Title (en)

CONTINUOUS FURNACE FOR HEATING MATERIAL BY MEANS OF MICROWAVES

Title (de)

DURCHLAUFOFEN ZUR ERWÄRMUNG VON MATERIAL MITTELS MIKROWELLEN

Title (fr)

FOUR À PASSAGE CONTINU POUR LE CHAUFFAGE DE MATÉRIAU AU MOYEN DE MICRO-ONDES

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Application

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Abstract (en)

[origin: WO2018189363A1] The invention relates to a continuous furnace (4) for heating material (2) by means of microwaves, comprising a treatment chamber (7) for heating the material (2), wherein one or more openings (6) for introducing the radiation (5) via waveguides into the treatment chamber (7) are arranged in the treatment chamber (7) and/or the microwave generators are arranged directly in the treatment chamber (7), at least one continuously circulating conveyor belt (1, 8) for transporting the material (2) through the continuous furnace (4), and a plate (10) over which the conveyor belt (1, 8) is pulled in the treatment chamber (7). The invention is characterised in that the plate (10) lies on at least one or more supports (11) and/or the plate (10) is overlapped or surrounded on its edges by a holder (14) and/or the plate (10) is made up of segments (15).

IPC 8 full level

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