

Title (en)

DEVICE FOR CONTINUOUS HEATING OF MATERIAL

Title (de)

VORRICHTUNG ZUM KONTINUIERLICHEN ERWAERMEN VON MATERIAL

Title (fr)

DISPOSITIF DE CHAUFFAGE CONTINU DE MATÉRIAU

Publication

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Application

EP 16723711 A 20160511

Priority

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Abstract (en)

[origin: WO2016180889A1] The invention relates to a device for the continuous heating of materials made from substantially non-metallic material, comprising a continuous furnace (1) for the continuous heating of material (3) on an continuously circulating transport belt (10), wherein the continuous furnace (1) has a plurality of magnetrons (4) for generating electromagnetic waves and wave guides (5) with outlet openings (6) for supplying the waves into a radiation space (14), and wherein the outlet openings (6) of the wave guides (5) have a main axis. The invention is characterized in that for at least two outlet openings (6) which are arranged in closest proximity in and/or transverse to the production direction (15), the main axes (23) of the outlet openings (6) define an angle greater than 0° and/or the connecting line (25) of the focal points (24) of the surfaces of the outlet openings (6) define an angle greater than 0° to the perpendicular to the production direction (15).

IPC 8 full level

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