

Title (en)
DEVICE FOR HEAT TREATING PRODUCTS BY MEANS OF MICROWAVES AND HEAT TREATMENT METHOD IMPLEMENTING SUCH A DEVICE

Title (de)
VORRICHTUNG ZUR WÄRMEBEHANDLUNG VON PRODUKTEN MITTELS MIKROWELLEN UND WÄRMEBEHANDLUNGSVERFAHREN MIT IMPLEMENTIERUNG SOLCH EINER VORRICHTUNG

Title (fr)
DISPOSITIF DE TRAITEMENT THERMIQUE DE PRODUITS PAR MICRO-ONDES ET PROCÉDÉ DE TRAITEMENT THERMIQUE METTANT EN OEUVRE UN TEL DISPOSITIF

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Application
EP 14734862 A 20140528

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Abstract (en)
[origin: WO2014191681A1] The invention concerns a device for heat treating products by means of microwaves, said device comprising an enclosure (2), a drum (3) that extends according to an axis (30) and at least one portion of which is mounted inside the enclosure (2), a spacing (4) defined between the enclosure (2) and the drum (3), a support (5) positioned at least partially in said spacing (4) and designed to receive and to transport the products to be treated, and at least one module (6) for applying microwaves to the products to be treated, such a module (6) being designed to introduce microwaves into said spacing (4). Said device is characterised in that: - the drum (3) adopts the shape of a prism, extending according to the axis (30) of the drum (3), and comprising a plurality of sides (31; 31'; 31'') extending parallel to the axis (30) of the drum (3); - the enclosure (2) comprises, internally, a plurality of planar surfaces (20; 20'; 20'') each oriented towards one (31; 31'; 31'') of the sides of the drum (3) and extending parallel to such a side (31; 31'; 31'') of said drum (3). The invention also concerns a method for heat treating products by means of microwaves implemented by means of said device.

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