

Title (en)
DEVICE FOR HEATING FOODSTUFF WITH HOT AIR

Title (de)
VORRICHTUNG ZUM ERHITZEN VON LEBENSMITTELEN MIT HEISSLUFT

Title (fr)
DISPOSITIF POUR CHAUFFER DES ALIMENTS AVEC DE L'AIR CHAUD

Publication
EP 1686880 B1 20081105 (EN)

Application
EP 03770838 A 20031121

Priority
CH 0300771 W 20031121

Abstract (en)
[origin: WO2005048796A1] The present invention relates to an oven (1) for heating foodstuff (28), in particular french fries (28), by means of hot air (22, 23) circulating in a substantially closed circle, wherein circulation of the air (22, 23) is forced, preferably by a fan (20) or blower. A particularly efficient and fast way of heating can be achieved while at the same time providing ideal crispiness of the foodstuff is made possible in that the foodstuff (28) is contained in at least one receptacle (2) at least two of the walls (2a-2d) of which are penetrable to the circulating hot air (22, 23), that the receptacle (2) is at least partially enclosed towards its penetrable walls (2a-2d) by walls (4a-4d) of a container (4), wherein there is a spacing between the respective walls (2a-2d) of the receptacle and the walls (4a-4d) of the container (4), that hot air (22) is entering the receptacle (2) and/or the container (4) substantially from an upper side, and that in the region (12) into which the hot air (22) is entering the receptacle (2) and/or the container (4), the side wall (4a) of the container (4) is inclined with respect to a horizontal plane by a first angle (alpha) and a corresponding penetrable side wall (2a) of the receptacle (2) is inclined with respect to said horizontal plane by a second angle ((beta), wherein the first angle (alpha) is larger than the second angle ((beta).

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