

Title (en)

A DEVICE FOR HOMOGENIZING THE DISTRIBUTION OF RADIATIONS WITHIN THE COOKING SPACE OF A MICROWAVE OVEN

Title (de)

VORRICHTUNG ZUR HOMOGENEN STRAHLUNGSVERTEILUNG IN DEM KOCHRAUM EINES MIKROWELLENHERDES

Title (fr)

DISPOSITIF RENDANT HOMOGENE LA REPARTITION DES RADIATIONS DANS LE VOLUME DE CUISSON D'UN FOUR A MICRO-ONDES

Publication

**EP 0759263 B1 19971119 (EN)**

Application

**EP 95918143 A 19950505**

Priority

- IT 9500068 W 19950505
- IT MI940908 A 19940509

Abstract (en)

[origin: WO9531085A1] A device for homogenizing the distribution of radiations within the cooking space of a microwave oven includes a mixing prechamber (1) having an inner rectangular cross section provided with an opening (6) for the inlet of the radiations emitted by the magnetron and a 45 DEG bevelling (8) at the inner top of each face but on the face (5) on which the opening (6) is formed, and a fixing flange (2), located under the prechamber (1), with an inner rectangular section on the upper side having a size some millimeters larger than that of the prechamber (1) so as to allow the insertion of the latter, and provided with a circular opening (14) for the inlet of the microwaves into the cooking space having an upper diameter (15) equal to the short side of the inner section of the flange (2) and a lower diameter (16) equal to the short side of the inner section of the prechamber (1).

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