

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 A1 19970226 (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).

IPC 1-7

H05B 6/74

IPC 8 full level

H05B 6/74 (2006.01)

CPC (source: EP)

H05B 6/74 (2013.01)

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

WO 9531085 A1 19951116; AU 2418395 A 19951129; AU 684024 B2 19971127; DE 69501083 D1 19980102; DE 69501083 T2 19980312; EP 0759263 A1 19970226; EP 0759263 B1 19971119; ES 2110847 T3 19980216; IT 1269728 B 19970415; IT MI940908 A0 19940509; IT MI940908 A1 19951109

DOCDB simple family (application)

IT 9500068 W 19950505; AU 2418395 A 19950505; DE 69501083 T 19950505; EP 95918143 A 19950505; ES 95918143 T 19950505; IT MI940908 A 19940509