

Title (en)

Microwaves supply in microwave baking ovens.

Title (de)

Mikrowelleneinspeisung in Mikrowellen-Backöfen.

Title (fr)

Alimentation de micro-ondes dans des fours à micro-ondes.

Publication

EP 0482601 B1 19950614 (DE)

Application

EP 91118056 A 19911023

Priority

DE 4034161 A 19901026

Abstract (en)

[origin: EP0482601A1] The domestic microwave appliance, especially the radiator unit for a microwave oven, consists of a microwave generator, for example a magnetron, a waveguide (4), a microwave power output pin (5), a field stirring device (8) and a cover (9) which consists of a material having low dielectric losses and which connects a reflector depression (7), which is arranged outside a baking oven covering surface (10), to the waveguide (4) and to the baking oven covering surface (10) such that the microwave power output pin (5), which projects into the reflector depression (7) and is connected to the field stirring device (8), is surrounded at a bushing point (11) between the waveguide (4) and the reflector depression (7) by at least two microwave-specific discontinuities (6), and such that the cover (9) bounds the reflector depression (7) on the cooking space side. <IMAGE>

IPC 1-7

H05B 6/72; **H05B 6/64**; **F24C 7/02**

IPC 8 full level

H05B 6/72 (2006.01); **F24C 7/02** (2006.01); **H05B 6/64** (2006.01); **H05B 6/74** (2006.01)

CPC (source: EP)

H05B 6/74 (2013.01)

Cited by

WO2011080204A1; CN104791858A; CN102687588A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0482601 A1 19920429; **EP 0482601 B1 19950614**; DE 4034161 A1 19920430; DE 59105703 D1 19950720; DE 9017953 U1 19930128; JP H04264387 A 19920921

DOCDB simple family (application)

EP 91118056 A 19911023; DE 4034161 A 19901026; DE 59105703 T 19911023; DE 9017953 U 19901026; JP 27820891 A 19911025