

Title (en)

Electromagnetic waves supplying device of a cavity of a microwave oven

Title (de)

Elektromagnetischen-Wellen-Versorgungsvorrichtung eines Hohlraums eines Mikrowellenofens

Title (fr)

Dispositif d'alimentation en ondes électromagnétiques d'une cavité de four à micro-ondes

Publication

**EP 1725076 B1 20101027 (FR)**

Application

**EP 06114061 A 20060517**

Priority

FR 0505059 A 20050518

Abstract (en)

[origin: EP1725076A1] The oven (1) has a magnetron (4) to radiate an electromagnetic field in a wave guide (3) which is connected to a cavity (2) of the oven (1) through a wave outlet. The cavity has an opening (8) corresponding to opening (6) arranged on a wall (7) of the waveguide. The cavity has a base wall (10) and a shell (9) which has two lateral walls (11), a lower wall (12) and an upper wall (13). The wave guide has a case (14) and a cover (15), where the guide has a covering unit independent of a fixation unit of the guide.

IPC 8 full level

**H05B 6/70** (2006.01); **H01P 3/123** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)

**H05B 6/6402** (2013.01); **H05B 6/707** (2013.01)

Cited by

CN110383945A; EP4216670A1; EP1940200A1; FR2911037A1; WO2018102083A1; US10764971B2; WO2023138861A1

Designated contracting state (EPC)

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**EP 1725076 A1 20061122**; **EP 1725076 B1 20101027**; AT E486487 T1 20101115; DE 602006017770 D1 20101209; ES 2353717 T3 20110304; FR 2886090 A1 20061124; FR 2886090 B1 20101022; PL 1725076 T3 20110429

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