

Title (en)

Cooking device and method for emitting microwaves inside a cooking device

Title (de)

Gargerät und Verfahren zur Abstrahlung von Mikrowellen in einen Innenraum eines Gargeräts

Title (fr)

Appareil de cuisson et procédé de rayonnement de micro-ondes dans la chambre interne d'un appareil de cuisson

Publication

EP 2187704 B1 20120606 (DE)

Application

EP 08291071 A 20081117

Priority

EP 08291071 A 20081117

Abstract (en)

[origin: EP2187704A1] The device (1) has an interior space i.e. pressure space (11), comprising a cooking space (10), and microwave sources (22, 23) comprising an oscillator device for generating microwaves. A coupling element of the source couples the microwaves produced in the oscillator device, from the microwave sources. The coupling element guides the coupled microwaves to portals (24, 25) in a wall or side wall part (8) of the interior space. The microwaves are directly radiated from the portals into the interior space. The portal comprises a cover made of dielectric material. An independent claim is also included for a method for emitting microwaves inside a cooking device.

IPC 8 full level

H05B 6/80 (2006.01)

CPC (source: EP)

H05B 6/642 (2013.01); **H05B 6/70** (2013.01); **H05B 6/72** (2013.01)

Cited by

DE102017127172A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2187704 A1 20100519; EP 2187704 B1 20120606

DOCDB simple family (application)

EP 08291071 A 20081117