

Title (en)

Cooked products carrier, cooking device with such a cooked products carrier and sensor in particular for such a cooking device

Title (de)

Gargutträger, Gargerät mit solch einem Gargutträger und Sensor insbesondere für solch ein Gargerät

Title (fr)

Support de cuisson, appareil de cuisson doté d'un tel support de cuisson et capteur, en particulier pour un tel appareil de cuisson

Publication

**EP 1830605 A3 20080730 (DE)**

Application

**EP 07290205 A 20070216**

Priority

- EP 06290729 A 20060504
- DE 202006008151 U 20060519
- EP 07290205 A 20070216

Abstract (en)

[origin: EP1830605A2] The grid (10) has two twists (14, 15), a deformation and two antennas, where natural frequencies of the twists, the deformation and the antennas are adjusted to reflect, absorb, guide or radiate impinging microwaves. The frequency and/or spatial arrangement of the twists, the deformation and the antennas are changed based on microwave length, cooking area dimension, size, weight, number and/or arrangement of the product in the cooking area and cooking program. An independent claim is also included for a sensor for determining cooked product parameters.

IPC 8 full level

**H05B 6/80** (2006.01)

CPC (source: EP)

**H05B 6/6408** (2013.01); **H05B 6/645** (2013.01)

Citation (search report)

- [X] US 5935477 A 19990810 - KOOCHAKI KAMEL K [US]
- [X] US 5582854 A 19961210 - NOSAKA CHIAKI [JP], et al
- [X] US 4320274 A 19820316 - DEHN RUDOLPH A
- [X] US 3943320 A 19760309 - BOWEN ROBERT F
- [X] US 5322984 A 19940621 - HABEGER JR CHARLES C [US], et al
- [X] US 5698127 A 19971216 - LAI LAWRENCE [CA], et al
- [X] US 3946187 A 19760323 - MACMASTER GEORGE H, et al
- [X] US 4210795 A 19800701 - LENTZ RONALD R [US]
- [X] US 4341937 A 19820727 - STAATS JAMES E

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1830605 A2 20070905; EP 1830605 A3 20080730**

DOCDB simple family (application)

**EP 07290205 A 20070216**