

Title (en)
Cooking device

Title (de)
Gargerätevorrichtung

Title (fr)
Dispositif d'appareil de cuisson

Publication
EP 2506665 A3 20130508 (DE)

Application
EP 12158100 A 20120305

Priority
ES 201130458 A 20110328

Abstract (en)
[origin: EP2506665A2] The device has two heating frequency units, where an intermediate output power of one of the heating frequency units is adjusted under minimizing of a flickering parameter. The heating frequency unit is operated in a time interval with a set of frequencies (f1a, f2a) and in another time interval with another set of frequencies (f1b, f2b) that differs from the former set of frequencies, where the two sets of frequencies differ from each other around 14 kHz. A controlling unit is provided in an operating state to periodically operate the heating frequency units with time period. An independent claim is also included for a method for operating a cooking device.

IPC 8 full level
H05B 6/06 (2006.01)

CPC (source: EP)
H05B 6/065 (2013.01)

Citation (search report)

- [X] EP 1951003 A1 20080730 - WHIRLPOOL CO [US], et al
- [X] US 2006289489 A1 20061228 - WANG DONGYU [US]
- [X] US 2010237065 A1 20100923 - CHO CHENG-HSIEN [TW], et al
- [X] WO 2005043737 A2 20050512 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [AD] DE 102005021888 A1 20070215 - EGO ELEKTRO GERAETEBAU GMBH [DE]

Cited by
EP2911472B1; EP4132220A4; EP3845032A4; EP4125304A1; EP4195875A1; WO2020046048A1; EP4210435A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2506665 A2 20121003; EP 2506665 A3 20130508; EP 2506665 B1 20170524

DOCDB simple family (application)
EP 12158100 A 20120305