

Title (en)
Cooking device

Title (de)
Gargerät

Title (fr)
Appareil de cuisson

Publication
EP 2741012 A1 20140611 (DE)

Application
EP 13195487 A 20131203

Priority
DE 102012222166 A 20121204

Abstract (en)
The device (1) has a cooking chamber (2) for cooking goods, and a sensor (3) e.g. humidity sensor or oxygen sensor, arranged in the cooking chamber for determining signal values (SW) of gas concentration in the cooking chamber. A control device (5) determines residue time (RG) of cooking goods by linear combination of the signal values of the gas concentration determined at different time points in the cooking chamber by the sensor. A communication interface transmits the determined residue time to a user terminal over a network, and a display device (6) displays the determined time to a user. An independent claim is also included for a method for operating a cooking device.

Abstract (de)
Das Gargerät (1) hat einen Garraum (2) zum Garen von Gargut, einen in dem Garraum (2) angeordneten Sensor (3) zum Bestimmen von Signalwerten (SW) einer Gaskonzentration in dem Garraum (2) und eine Steuereinrichtung (5) zum Bestimmen einer Restgarzeit (RG) des Garguts mittels einer linearen Verknüpfung von zumindest zwei zu unterschiedlichen Zeitpunkten von dem Sensor (3) bestimmten Signalwerten (SW) der Gaskonzentration in dem Garraum (2).

IPC 8 full level
F24C 7/08 (2006.01)

CPC (source: EP)
F24C 7/085 (2013.01)

Citation (applicant)
• DE 10327861 B4 20060511 - MIELE & CIE [DE]
• DE 102004049927 A1 20060427 - MIELE & CIE [DE]

Citation (search report)
• [X] DE 10327861 A1 20050127 - MIELE & CIE [DE]
• [I] DE 2706367 A1 19770825 - MATSUSHITA ELECTRIC IND CO LTD
• [I] DE 102005011305 A1 20060914 - EGO ELEKTRO GERAETEBAU GMBH [DE]
• [I] DE 102007003225 A1 20080717 - EGO ELEKTRO GERAETEBAU GMBH [DE]
• [Y] DE 102007040316 A1 20090226 - RATIONAL AG [DE]
• [Y] DE 102007016501 A1 20081002 - EGO ELEKTRO GERAETEBAU GMBH [DE]
• [Y] US 5349163 A 19940920 - AN SEONG-WAN [KR]
• [Y] DE 102004049927 A1 20060427 - MIELE & CIE [DE]

Cited by
CN109891226A; US11340202B2

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 2741012 A1 20140611; DE 102012222166 A1 20140605

DOCDB simple family (application)
EP 13195487 A 20131203; DE 102012222166 A 20121204