

Title (en)
OVEN FOR COOKING FOODS

Title (de)
OFEN ZUM KOCHEN VON LEBENSMITTELN

Title (fr)
FOUR POUR LA CUISSON D'ALIMENTS

Publication
EP 4253843 A1 20231004 (EN)

Application
EP 23165678 A 20230330

Priority
IT 202200006311 A 20220330

Abstract (en)
Oven for cooking foods, which comprises a support structure (2) internally delimiting a cooking chamber (3), and a cooking surface (4), placed within the cooking chamber (3).In addition, the oven comprises heating means (5), mechanically connected to the support structure (2) and placed to heat at least the cooking surface (4).The oven also comprises a measurement instrument (6), placed outside the cooking chamber (3) and manually actuatable by a user in order to detect at least one first surface temperature value (Ts) of the cooking surface (4).In addition, the oven is provided with a logic control unit (7), mechanically connected to the support structure (2) and comprising a first comparison module (CI) configured for comparing at least the first surface temperature value (Ts) with a threshold surface temperature value (Tss), and at least one user interface (8), configured for receiving a comparison signal from the first comparison module (CI) and emitting a warning signal based on the comparison signal.

IPC 8 full level
F24C 7/08 (2006.01)

CPC (source: EP)
F24C 7/085 (2013.01); **F24C 7/087** (2013.01)

Citation (applicant)
• US 2021404745 A1 20211230 - JOHNSON ERIC SCOTT [US], et al
• US 2017332841 A1 20171123 - REISCHMANN MICHAEL [US]

Citation (search report)
• [YA] US 2021404745 A1 20211230 - JOHNSON ERIC SCOTT [US], et al
• [XYI] US 2017332841 A1 20171123 - REISCHMANN MICHAEL [US]
• [A] US 2016283822 A1 20160929 - IMAI HIROHISA [JP], et al
• [A] WO 2012105233 A1 20120809 - MITSUBISHI ELECTRIC CORP [JP], et al
• [Y] US 2017017248 A1 20170119 - ARMSTRONG JAMES LEE [US], et al
• [Y] EP 2333420 A1 20110615 - INDESIT CO SPA [IT]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4253843 A1 20231004; IT 202200006311 A1 20230930

DOCDB simple family (application)
EP 23165678 A 20230330; IT 202200006311 A 20220330