

Title (en)

TEMPERATURE PROBE FOR AN OVEN AND OVEN

Title (de)

TEMPERATURSONDE FÜR EINEN OFEN UND OFEN

Title (fr)

SONDE DE TEMPÉRATURE POUR UN FOUR ET FOUR

Publication

EP 2130016 A2 20091209 (DE)

Application

EP 08716396 A 20080310

Priority

- EP 2008001886 W 20080310
- DE 102007016452 A 20070330
- DE 102007018245 A 20070412

Abstract (en)

[origin: WO2008119440A2] The invention relates to a temperature probe (11) for an oven (35), comprising a longitudinal housing (12) in the form of a spit. A temperature sensor (24) and an electronic unit (25) are arranged in a tip (13) and are connected at the other end (22) to emitting means (21). The temperature probe (11) comprises a thermogenerator (31) for producing energy (19). The thermogenerator (31) uses a temperature difference between a higher temperature inside the oven (35) and a lower core temperature in a roast (15), in which the temperature probe (11) is inserted, for producing energy (19) for operating the emitting means (21).

IPC 8 full level

F24C 7/08 (2006.01); **G01K 1/02** (2006.01); **G01K 1/14** (2006.01); **G01K 13/00** (2006.01)

CPC (source: EP US)

G01K 1/024 (2013.01 - EP US); **G01K 1/14** (2013.01 - EP US); **G01K 13/00** (2013.01 - EP US); **G01K 2207/06** (2013.01 - EP US); **G01K 2215/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2008119440A2

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)

DE 102007018245 A1 20081002; EP 2130016 A2 20091209; US 2010012645 A1 20100121; US 8188409 B2 20120529; WO 2008119440 A2 20081009; WO 2008119440 A3 20090205

DOCDB simple family (application)

DE 102007018245 A 20070412; EP 08716396 A 20080310; EP 2008001886 W 20080310; US 56785909 A 20090928