

Title (en)
HEATING COOKING DEVICE

Title (de)
HEIZ- UND KOCHVORRICHTUNG

Title (fr)
DISPOSITIF DE CUISSON PAR CHAUFFAGE

Publication
EP 2966360 A4 20160309 (EN)

Application
EP 14760296 A 20140219

Priority
• JP 2013044969 A 20130307
• JP 2014000850 W 20140219

Abstract (en)
[origin: EP2966360A1] A heating cooker (10) according to the present invention includes: a cavity (17) in which an object to be heated is accommodated; a cooking tray (12a) disposed in the inside of the cavity for accommodating the object to be heated thereon; a tray receiver (16a) mounted on a side wall of the cavity and detachably supports the cooking tray; first and second illumination holes (11a, 11b) formed in the side wall above and below the tray receiver; and an illumination device disposed outside the cavity for illuminating spaces above and below the cooking tray through the first illumination hole and the second illumination hole respectively. The illumination device includes: an LED; and a reflector which covers the first illumination hole and the second illumination hole from the outside of the cavity, and surrounds the LED. According to the present invention, with the use of the LED having stronger directivity than an incandescent electric lamp, every corner of both the upper space and the lower space of the cavity defined by the cooking tray can be illuminated.

IPC 8 full level
F24C 15/00 (2006.01); **H05B 6/64** (2006.01)

CPC (source: CN EP)
F24C 15/008 (2013.01 - CN EP); **H05B 6/6444** (2013.01 - EP)

Citation (search report)
• [Y] JP 2005098601 A 20050414 - HITACHI HOME TEC LTD
• [Y] EP 2278228 A2 20110126 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [Y] US 2012307481 A1 20121206 - JOO SUNG CHUL [US], et al
• [Y] DE 3404430 A1 19850808 - BOSCH SIEMENS HAUSGERAETE [DE]
• [Y] EP 2128527 A1 20091202 - ELECTROLUX HOME PROD CORP [BE]
• [A] WO 2013014940 A1 20130131 - PANASONIC CORP [JP], et al
• See references of WO 2014136389A1

Cited by
CN109073231A; EP3438544A4

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 2966360 A1 20160113; EP 2966360 A4 20160309; EP 2966360 B1 20200408; CN 104969007 A 20151007; CN 110274265 A 20190924; CN 110274265 B 20210914; JP 6318369 B2 20180509; JP WO2014136389 A1 20170209; TW 201440710 A 20141101; TW I618515 B 20180321; WO 2014136389 A1 20140912

DOCDB simple family (application)
EP 14760296 A 20140219; CN 201480006514 A 20140219; CN 201910367957 A 20140219; JP 2014000850 W 20140219; JP 2015504150 A 20140219; TW 103105879 A 20140221