

Title (en)
HIGH-FREQUENCY COOKER

Title (de)
HOCHFREQUENZKOCHGERÄT

Title (fr)
APPAREIL DE CUISSON HAUTE FRÉQUENCE

Publication
EP 2738473 A1 20140604 (EN)

Application
EP 12817226 A 20120726

Priority
• JP 2011162728 A 20110726
• JP 2012004784 W 20120726

Abstract (en)
Light from an LED element provided on a surface of an LED substrate 7 provided outside of a wall surface of a heating chamber 2 passes through an illumination hole 1 that has a quadrilateral shape, and is projected in the chamber. In this case, since the LED element provided in a vicinity of the wall surface has a small light source and has high directivity of light, even when the size of the illumination hole 1 does not affect radio wave shielding properties, and the light is not hindered from passing through the quadrilateral illumination hole 1, whereby the interior of the chamber can be illuminated without decreasing the transmittance of light.

IPC 8 full level
F24C 7/02 (2006.01); **H05B 6/64** (2006.01)

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

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

DOCDB simple family (publication)
EP 2738473 A1 20140604; **EP 2738473 A4 20150107**; **EP 2738473 B1 20151125**; JP 2013024531 A 20130204; JP 5747162 B2 20150708; WO 2013014940 A1 20130131

DOCDB simple family (application)
EP 12817226 A 20120726; JP 2011162728 A 20110726; JP 2012004784 W 20120726