

Title (en)  
HIGH-FREQUENCY COOKER

Title (de)  
HOCHFREQUENZKOCHGERÄT

Title (fr)  
APPAREIL DE CUISSON HAUTE FRÉQUENCE

Publication  
**EP 2738473 A4 20150107 (EN)**

Application  
**EP 12817226 A 20120726**

Priority  
• JP 2011162728 A 20110726  
• JP 2012004784 W 20120726

Abstract (en)  
[origin: EP2738473A1] 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)

Citation (search report)  
• [A] EP 2128526 A1 20091202 - ELECTROLUX HOME PROD CORP [BE]  
• [A] WO 2010110262 A1 20100930 - SHARP KK [JP], et al  
• [A] DE 4025734 A1 19920220 - BOSCH SIEMENS HAUSGERAETE [DE]  
• [A] US 2005122709 A1 20050609 - HA YU J [KR]  
• See references of WO 2013014940A1

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

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