

Title (en)

Illumination device for the cavity of a baking oven

Title (de)

Beleuchtungseinrichtung für den Behandlungsraum eines Backofens

Title (fr)

Dispositif d'éclairage pour l'espace de cuisson d'un four

Publication

EP 2278228 A3 20121031 (DE)

Application

EP 10169539 A 20100714

Priority

DE 102009027912 A 20090722

Abstract (en)

[origin: EP2278228A2] The device has a thermally high-loaded light source (11) e.g. incandescent lamp and LED, arranged outside a processing chamber (2) of a baking oven and attached to the processing chamber. The light source and/or lamp housing (9) and a carrier (15) of the light source are in direct connection with a heat dissipating cooling medium i.e. cooling air stream. The lamp housing is formed as a light-conductive reflector element for a lamp (4), and has a filling (13) made of a transparent or translucent heat insulating material such as silicate aerogel.

IPC 8 full level

F24C 15/00 (2006.01)

CPC (source: EP)

F24C 15/006 (2013.01); **F24C 15/008** (2013.01)

Citation (search report)

- [X] DE 29718343 U1 19980115 - BROEKMANN JAEGER & BUSSE [DE]
- [A] EP 0976986 A2 20000202 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] WO 2007031503 A1 20070322 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] EP 0913646 A1 19990506 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

CN109645841A; KR20180079870A; EP2966360A4; EP2913591A1; WO2017059914A1; WO2017055400A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2278228 A2 20110126; EP 2278228 A3 20121031; EP 2278228 B1 20170301; DE 102009027912 A1 20110127; PL 2278228 T3 20170731

DOCDB simple family (application)

EP 10169539 A 20100714; DE 102009027912 A 20090722; PL 10169539 T 20100714