

Title (en)

Baking oven having an illumination device for the cavity of the Baking oven

Title (de)

Backofen mit einer Beleuchtungseinrichtung für den Behandlungsraum des Backofens

Title (fr)

Four avec un dispositif d'éclairage pour l'espace de cuisson du four

Publication

EP 2278228 B1 20170301 (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)

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

DOCDB simple family (publication)

EP 2278228 A2 201110126; EP 2278228 A3 20121031; EP 2278228 B1 20170301; DE 102009027912 A1 201110127; PL 2278228 T3 20170731

DOCDB simple family (application)

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