

Title (en)  
AN OVEN WITH A COOLED LIGHTING DEVICE

Title (de)  
OFEN MIT EINER GEKÜHLTEN BELEUCHTUNGSVORRICHTUNG

Title (fr)  
FOUR À DISPOSITIF D'ÉCLAIRAGE REFROIDI

Publication  
**EP 2715238 A1 20140409 (EN)**

Application  
**EP 12724829 A 20120524**

Priority  
• IT TO20110456 A 20110525  
• US 2012039307 W 20120524

Abstract (en)  
[origin: WO2012162480A1] An oven comprising: - a stationary structure (12) defining a cavity (14) having a front opening (16), the stationary structure (12) having a frame (18) which surrounds said front opening (14), - a door (20) hinged on one side (18h) of said frame and movable between an open position and a closed position, - at least one lighting device (38) arranged to light said cavity (14), and - a door cooling system (26) comprising a fan (28) borne by the stationary structure (12) and a cooling space (30) integrated in the door (20), in which the air flow produced by said fan (28) is conveyed into said cooling space (30) in the closed position of the door (20), wherein said lighting device (38) is fitted to said frame (18), is arranged to direct the light radiation toward said cavity (14), and is struck by at least a part of the cooling air flow produced by said fan (38).

IPC 8 full level  
**F24C 15/00** (2006.01)

CPC (source: EP)  
**F24C 15/008** (2013.01)

Citation (search report)  
See references of WO 2012162480A1

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)  
**WO 2012162480 A1 20121129**; EP 2715238 A1 20140409; IT TO20110456 A1 20121126

DOCDB simple family (application)  
**US 2012039307 W 20120524**; EP 12724829 A 20120524; IT TO20110456 A 20110525