

Title (en)

RECESSED CEILING LIGHT WITH INTEGRATED FAN

Title (de)

DECKENEINBAULEUCHTE MIT INTEGRIERTEM LÜFTER

Title (fr)

LAMPE DE PLAFOND ENCASTRÉE À VENTILATEUR INTÉGRÉ

Publication

EP 2232159 B1 20121003 (DE)

Application

EP 09700672 A 20090108

Priority

- EP 2009000066 W 20090108
- DE 102008003674 A 20080109

Abstract (en)

[origin: WO2009087096A1] The present invention relates to an arrangement with a lighting and an air-conditioning function, comprising at least one lighting means, means for guiding light, which are associated to the at least one lighting means, and at least one fan accommodated in the arrangement which is, according to the invention, designed as a recessed ceiling light. The invention is characterized in that at least one lighting unit (13, 14) with lighting means and means for guiding light as well as at least one air-conditioning unit (15) with at least one heat exchanger are accommodated within a single light housing (10) that is to be built into a suspended ceiling. The present invention allows an arrangement having a lighting function and, at the same time, an air-conditioning function to be achieved, which has an essentially more compact structure and enables more versatile and variable options of use compared to previously known solutions.

IPC 8 full level

E04B 9/02 (2006.01); **F21V 33/00** (2006.01); **F24F 13/078** (2006.01)

CPC (source: EP)

F24F 13/078 (2013.01); **E04B 9/02** (2013.01); **F21S 8/026** (2013.01); **F21V 33/0088** (2013.01); **F24F 2221/02** (2013.01); **F24F 2221/14** (2013.01)

Cited by

DE102013102121A1

Designated contracting state (EPC)

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 TR

DOCDB simple family (publication)

DE 102008003674 A1 20090716; EP 2232159 A1 20100929; EP 2232159 B1 20121003; WO 2009087096 A1 20090716

DOCDB simple family (application)

DE 102008003674 A 20080109; EP 09700672 A 20090108; EP 2009000066 W 20090108