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(11)

EP 2 725 288 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
18.02.2015 Bulletin 2015/08

(51) Int Cl.:  
**F21S 8/00 (2006.01)**      **F21V 15/01 (2006.01)**  
**F21Y 101/00 (2006.01)**      **F21Y 111/00 (2006.01)**  
**F21Y 113/00 (2006.01)**

(43) Date of publication A2:  
30.04.2014 Bulletin 2014/18

(21) Application number: 13172712.5

(22) Date of filing: 19.06.2013

(84) Designated Contracting States:  
**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**

Designated Extension States:

**BA ME**

(30) Priority: 28.10.2012 CN 201210441421

(71) Applicant: **Lin, Wangjiong**  
Ningbo Zhejiang 315103 (CN)

(72) Inventors:

• **Zhang, Fa-Wei**  
Ningbo, 315 103 (CN)

- **Chu, Tao-Lin**  
Ningbo, 315 103 (CN)
- **Wang, Din-I**  
Ningbo, 315 103 (CN)
- **Zhang, Chen**  
Ningbo, 315 103 (CN)
- **Lin, Wanjióng**  
Ningbo, 315 103 (CN)

(74) Representative: **2K Patentanwälte Blasberg  
Kewitz & Reichel  
Partnerschaft mbB  
Schumannstrasse 27  
60325 Frankfurt am Main (DE)**

### (54) Lamp with uniform illumination pattern on a surface

(57) A lamp with uniform illumination pattern is used for homogeneous illumination an illuminated area and includes at least one light module. The light module includes two light sources respectively having different light intensity and arranged orderly. Two extension cords of two optical axes of the two light sources have one crossover point. The light emitted from the light source with less light intensity illuminates the illuminated area which is closer to the light module, while the light emitted from the light source with greater light intensity illuminates the illuminated area which is farther to the light module. Light emitted from the light source, which is farther to the illuminated are, can make up the intensity losses of attenuation since light emitted from the light source which is farther to the illuminated area have greater light intensity. As a result, the lamp has uniform illumination pattern.

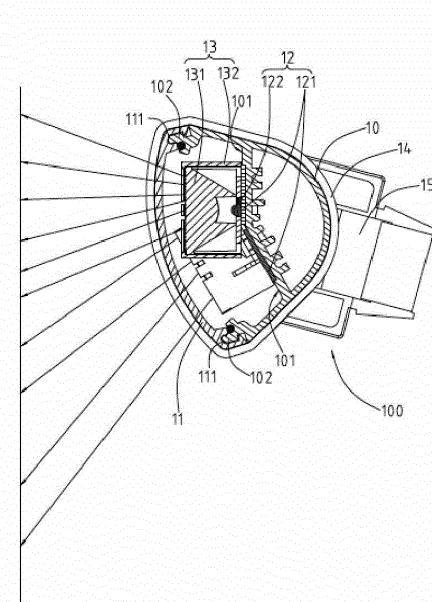


FIG. 4



## PARTIAL EUROPEAN SEARCH REPORT

Application Number

EP 13 17 2712

under Rule 62a and/or 63 of the European Patent Convention.  
 This report shall be considered, for the purposes of  
 subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	CN 102 418 884 A (WANJIONG LIN) 18 April 2012 (2012-04-18) * paragraph [0019] - paragraph [0024] * * figures 3,4 *	11-14	INV. F21S8/00 F21V15/01
Y	DE 20 2011 003261 U1 (HESS VERWALTUNGS GMBH [DE]) 28 April 2011 (2011-04-28) * paragraph [0016] * * figure 1 *	11-14	ADD. F21Y101/00 F21Y111/00 F21Y113/00
			TECHNICAL FIELDS SEARCHED (IPC)
			F21Y F21S
INCOMPLETE SEARCH			
The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search:			
see sheet C			
1			
Place of search		Date of completion of the search	Examiner
The Hague		6 January 2015	Schulz, Andreas
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**INCOMPLETE SEARCH  
SHEET C**

Application Number

EP 13 17 2712

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Claim(s) completely searchable:  
11-14

15

Claim(s) not searched:  
1-10

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Reason for the limitation of the search:

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Rule 43 (2) EPC.

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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 The members are as contained in the European Patent Office EDP file on  
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06-01-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN 102418884 A	18-04-2012	CN 102418884 A WO 2013078576 A1	18-04-2012 06-06-2013
DE 202011003261 U1	28-04-2011	DE 202011003261 U1 EP 2492585 A2	28-04-2011 29-08-2012

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 For more details about this annex : see Official Journal of the European Patent Office, No. 12/82