



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
15.07.2009 Bulletin 2009/29

(51) Int Cl.:
F21S 10/02 ^(2006.01) **F21S 6/00** ^(2006.01)
H05B 33/08 ^(2006.01) **H05B 37/00** ^(2006.01)
F21Y 101/02 ^(2006.01)

(43) Date of publication A2:
17.12.2008 Bulletin 2008/51

(21) Application number: **07118936.9**

(22) Date of filing: **19.10.2007**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR MK RS

(72) Inventors:
• **Chen, Hon-Lun**
Wu-Ku County, Taipei Hsien (TW)
• **Teng, Kuo-Hsin**
Wu-Ku County, Taipei Hsien (TW)

(30) Priority: **11.06.2007 CN 200710111118**

(74) Representative: **2K Patentanwälte Blasberg Kewitz & Reichel Partnerschaft**
Corneliusstraße 18
60325 Frankfurt am Main (DE)

(71) Applicant: **Prodisc Technology Inc.**
Taipei Hsien (TW)

(54) **Illumination device**

(57) An illumination device (2) is proposed which includes an illumination unit (21) and a control unit (22). The illumination unit (21) has a plurality of LEDs, i.e. light-

emitting diodes (211). The LEDs (211) are disposed adjacent to each other and emit different colors of light. The control unit (22) is electrically connected with the LEDs (211) to control the LEDs, respectively.

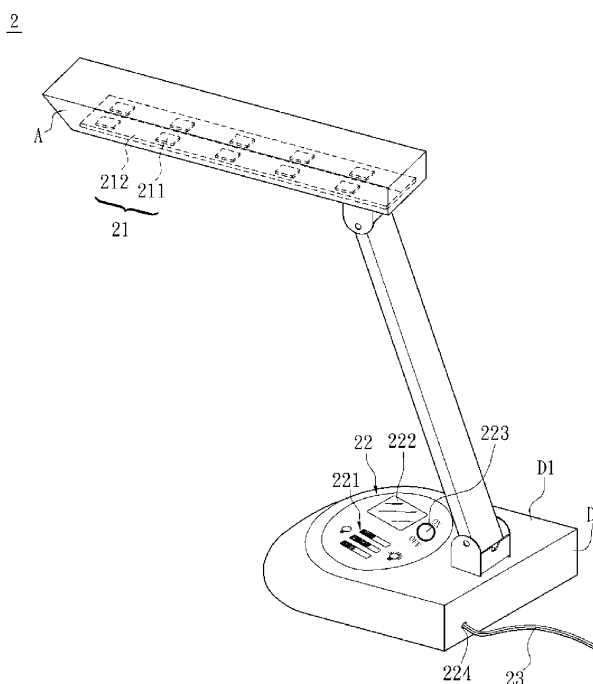


FIG. 2



EUROPEAN SEARCH REPORT

Application Number
EP 07 11 8936

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2007/052376 A1 (LEE WEI-CHIANG [US]) 8 March 2007 (2007-03-08)	1-9	INV. F21S10/02
Y	* the whole document *	6	F21S6/00
	-----		H05B33/08
X	US 2006/064144 A1 (CHEN JOSHUA Q [US] ET AL) 23 March 2006 (2006-03-23)	1-9	H05B37/00
	* the whole document *		ADD. F21Y101/02

X	US 2006/076908 A1 (MORGAN FREDERICK M [US] ET AL) 13 April 2006 (2006-04-13)	1-5,7-9	
Y	* paragraph [0105] - paragraph [0112]; figures 3-6- *	6	

X	EP 1 785 665 A1 (TRUMPF KREUZER MED SYS GMBH [DE]) 16 May 2007 (2007-05-16)	1-5,7-9	
	* page 4; figure 3 *		

X	EP 1 623 602 B1 (KONINKL PHILIPS ELECTRONICS NV [NL]) 7 March 2007 (2007-03-07)	1-5,7-9	
	* the whole document *		TECHNICAL FIELDS SEARCHED (IPC)

X	WO 2006/129256 A2 (KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS CORP [US]; LUCERO-VERA AN) 7 December 2006 (2006-12-07)	1-5,7-9	H05B
	* the whole document *		

X,P	WO 2007/072294 A1 (KONINKL PHILIPS ELECTRONICS NV [NL]; DE GOEDEREN-OEI AY LING [NL]) 28 June 2007 (2007-06-28)	1-9	
	* the whole document *		

A,P	WO 2007/069185 A1 (KONINKL PHILIPS ELECTRONICS NV [NL]; PAULUSSEN ELVIRA J M [BE]; DUINE) 21 June 2007 (2007-06-21)	1-9	
	* the whole document *		

	-/--		
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 June 2009	Examiner Berthommé, Emmanuel
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

 2
EPO FORM 1503 03.02 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
EP 07 11 8936

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
E	US 2008/291673 A1 (CHEN HON-LUN [TW] ET AL) 27 November 2008 (2008-11-27) * the whole document * -----	1-9	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 June 2009	Examiner Berthommé, Emmanuel
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

2
EPO FORM 1503 03 82 (P04C01)

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

EP 07 11 8936

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-06-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2007052376 A1	08-03-2007	TW 295720 Y	11-08-2006
US 2006064144 A1	23-03-2006	WO 2006012123 A2	02-02-2006
US 2006076908 A1	13-04-2006	NONE	
EP 1785665 A1	16-05-2007	CN 1991238 A	04-07-2007
		JP 2007144158 A	14-06-2007
		US 2007138966 A1	21-06-2007
EP 1623602 B1	07-03-2007	AT 356528 T	15-03-2007
		CN 1784932 A	07-06-2006
		DE 602004005180 T2	08-11-2007
		EP 1623602 A1	08-02-2006
		WO 2004100613 A1	18-11-2004
		JP 2006525634 T	09-11-2006
WO 2006129256 A2	07-12-2006	CN 101185377 A	21-05-2008
		EP 1891840 A2	27-02-2008
		JP 2008546017 T	18-12-2008
		KR 20080026154 A	24-03-2008
WO 2007072294 A1	28-06-2007	CN 101341462 A	07-01-2009
		EP 1966679 A1	10-09-2008
		US 2008259590 A1	23-10-2008
WO 2007069185 A1	21-06-2007	CN 101326399 A	17-12-2008
		EP 1963735 A1	03-09-2008
		KR 20080086501 A	25-09-2008
		US 2008298054 A1	04-12-2008
US 2008291673 A1	27-11-2008	JP 2008293946 A	04-12-2008