

Europäisches Patentamt European Patent Office Office européen des brevets



(11) **EP 1 146 282 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **10.12.2003 Bulletin 2003/50**

(51) Int CI.⁷: **F21S 9/02**, F21V 9/08 // F21W121:00, F21Y101:02

(43) Date of publication A2: 17.10.2001 Bulletin 2001/42

(21) Application number: 01108703.8

(22) Date of filing: 06.04.2001

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 11.04.2000 IT MI000225 U

(71) Applicant: Luceplan S.p.A. 20161 Milano (IT)

(72) Inventors:

Meda, Alberto
 20145 Milano (IT)

 Rizzatto, Paolo 20123 Milano (IT)

(74) Representative: Ripamonti, Enrico, Dr. Ing. et al Ing. A. Giambrocono & C. s.r.l.,
 19/B, Via Rosolino Pilo
 20129 Milano (IT)

(54) Led lamp diffusing a multicolor light

(57) A lamp comprises a support (2) bearing a body (3) from which there is an emission of light, said body (3) containing at least a light-emitting diode or led, preferably a microled, which is associated with a light-filtering means suitable to modify at least partially its color, at least a part of said body (3) being light-transparent, so as to allow the multicolor light rays emitted by the led and filtered by the filtering means to come out, this allowing the use of the lamp for lighting and decorating purposes.

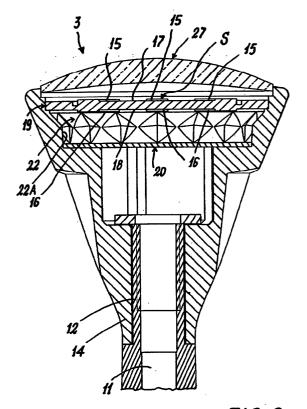


FIG. 2



EUROPEAN SEARCH REPORT

Application Number

EP 01 10 8703

Category	Citation of document with indication, where ap	propriate,	Relevant	CLASSIFICATION OF THE
Calegory	of relevant passages	·	to claim	APPLICATION (Int.CI.7)
X	US 3 735 113 A (STOTT T) 22 May 1973 (1973-05-22) * column 1, line 46 - line 52;	1	-5,12, 3	F21S9/02 F21V9/08 //F21W121:00, F21Y101:02
X	DE 297 07 048 U (SCHMIDT EDGAR 25 September 1997 (1997-09-25) * claims 2,10,17; figure 2 *	16	,3,4, -9,11	
X	US 5 319 531 A (KUTNYAK MARK R 7 June 1994 (1994-06-07) * claims 1,2; figure 3 *		,3,4, 2,13	
X	DE 197 51 077 A (LAM PETER A) 20 May 1998 (1998-05-20) * figure 1 *		,2,12	
A	* figure 2A *	1	0	
X,P	EP 1 006 311 A (ERCO LEUCHTEN) 7 June 2000 (2000-06-07) * column 7, line 57 - column 8 figure 6 *	[6	,3,4, -11	TECHNICAL FIELDS
	rigure 6 *			SEARCHED (Int.CI.7)
X,P	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14, 5 March 2001 (2001-03-05) & JP 2000 331502 A (CHITOSE DEI 30 November 2000 (2000-11-30) * abstract; figure 1 *	1	-9, 1-13	F21K F21L F21S F21V A01K
		, 7 m.	· ·	14.
	The present search report has been drawn up for a	all claims		Examiner ***
	THE HAGUE 16 00	ctober 2003	Gir	ard, O
X : part Y : part doci	ATEGORY OF CITED DOCUMENTS clicularly relevant if taken alone icularly relevant if combined with another ument of the same category inological background	T: theory or principle us E: earlier patent docum after the filing date D: document cited in th L: document cited for o	nderlying the inderlying the indent, but published application their reasons	nvention
	-written disclosure	& : member of the same		

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

EP 01 10 8703

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.

16-10-2003

	Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US	3735113 .	А.,.	22-05-1973	NONE	377.38	
DE	29707048	U	25-09-1997	DE	29707048 U1	25-09-1997
US	5319531	Α	07-06-1994	NONE		
DE	19751077	A	20-05-1998	US CN DE GB JP US	6008732 A 1191821 A 19751077 A1 2319651 A ,B 10217850 A 6140934 A	28-12-1999 02-09-1998 20-05-1998 27-05-1998 18-08-1998 31-10-2000
ΕP	1006311	A	07-06-2000	DE DE EP	19956799 A1 29921156 U1 1006311 A2	15-06-2000 20-04-2000 07-06-2000
JP	2000331502	———— А	30-11-2000	NONE		
		¢				