



(11) **EP 1 944 787 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
24.02.2010 Bulletin 2010/08

(51) Int Cl.:
H01J 5/54 (2006.01) H01R 33/06 (2006.01)

(43) Date of publication A2:
16.07.2008 Bulletin 2008/29

(21) Application number: **07123197.1**

(22) Date of filing: **14.12.2007**

(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

(71) Applicant: **UV4 Tan S.r.l.**
20148 Milano (IT)

(72) Inventor: **Bizzozero, Luca**
21014 Laveno Mombello (Varese) (IT)

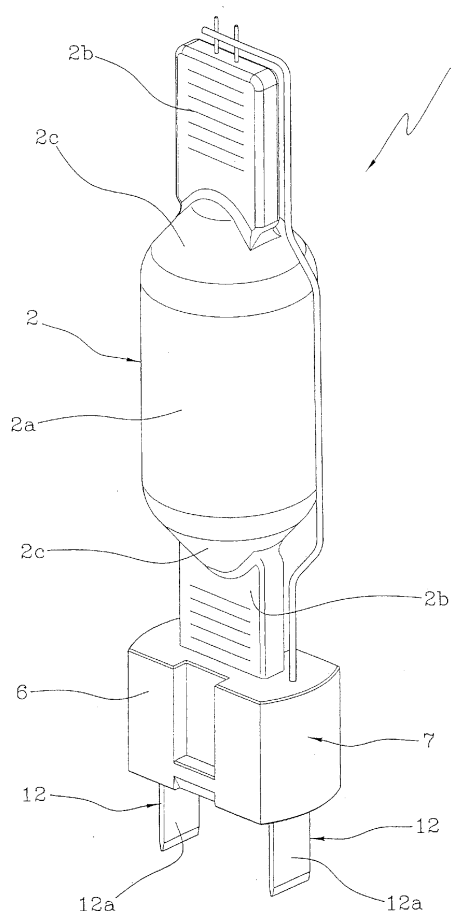
(74) Representative: **Tansini, Elio Fabrizio et al**
BUGNION S.p.A.
Viale Lancetti 17
20158 Milano (IT)

(30) Priority: **12.01.2007 IT MI20070008 U**

(54) **UV lamp with single plug**

(57) A UV lamp comprises: a bulb (2) containing a mixture of an inert gas and metallic halides; at least one first electrode (4) and one second (4) electrode associated with the bulb (2); a connector (6), coupled to the bulb (2) and having two thin metal plates (12a) protruding from a portion of said connector (6). Each flat thin plate (12a) is electrically connected to an electrode (4) and is spaced apart from the other thin plate (12a) by at least 20 mm.

FIG 1



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EUROPEAN SEARCH REPORT

Application Number
EP 07 12 3197

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	ANONYMOUS: "1500W SE" GOLD LIGHT ON LINE CATALOG, [Online] 14 June 2004 (2004-06-14), XP002561600 Retrieved from the Internet: URL:http://www.goldlight.biz/catalog/product_info.php?cPath=133_328&products_id=53> [retrieved on 2009-12-22] * the whole document *	1-13	INV. H01J5/54 H01R33/06
Y	US 4 631 446 A (ENGLISH GEORGE J [US] ET AL) 23 December 1986 (1986-12-23) * column 1, line 35 - line 62; figure 1 *	1-13	
Y	US 5 432 399 A (NAGASAWA MASAKAZU [JP] ET AL) 11 July 1995 (1995-07-11) * figures *	13	
A	US 5 130 911 A (EISNER SR CLIFFORD L [US]) 14 July 1992 (1992-07-14) * figures *		
A	US 6 710 526 B1 (HELBIG PETER [DE]) 23 March 2004 (2004-03-23) * figures *		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) H01J H01R
Place of search Munich		Date of completion of the search 23 December 2009	Examiner Smith, Christopher
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			

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EPO FORM 1503 03.92 (P04C01)

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

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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
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23-12-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4631446 A	23-12-1986	AU 588805 B2	28-09-1989
		AU 4193485 A	07-11-1985
		CA 1246656 A1	13-12-1988
		DE 3575238 D1	08-02-1990
		EP 0160316 A2	06-11-1985
		JP 61002255 A	08-01-1986
		ZA 8503248 A	24-12-1985

US 5432399 A	11-07-1995	NONE	

US 5130911 A	14-07-1992	NONE	

US 6710526 B1	23-03-2004	AT 325424 T	15-06-2006
		CA 2387932 A1	03-05-2001
		CN 1382299 A	27-11-2002
		WO 0131669 A2	03-05-2001
		DE 19951203 A1	26-04-2001
		EP 1222675 A2	17-07-2002
		ES 2262546 T3	01-12-2006
		JP 2003513413 T	08-04-2003
		TW 464914 B	21-11-2001
