



(11)

EP 1 591 716 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
18.10.2006 Bulletin 2006/42

(51) Int Cl.:
F21S 8/02 (2006.01) F21V 3/00 (2006.01)

(43) Date of publication A2:
02.11.2005 Bulletin 2005/44

(21) Application number: **05103358.7**

(22) Date of filing: **26.04.2005**

(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 MC NL PL PT RO SE SI SK TR**
Designated Extension States:
AL BA HR LV MK YU

(72) Inventor: **Guzzini, Giannunzio**
62019 Recanati (Macerata) (IT)

(74) Representative: **De Gregori, Antonella et al**
Ing. Barzano' & Zanardo Milano S.p.A.
Via Borgonuovo 10
20121 Milano (IT)

(30) Priority: **30.04.2004 IT MI20040201 U**

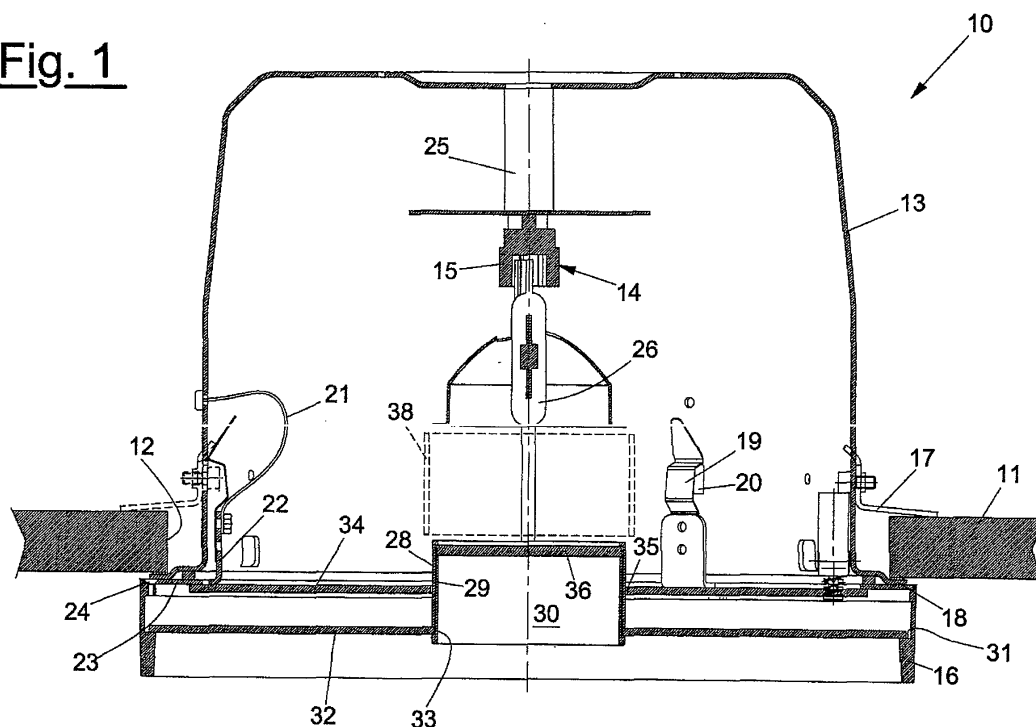
(71) Applicant: **iGUZZINI ILLUMINAZIONE S.p.A.**
62019 Recanati-Macerata (IT)

(54) Semi-built-in lighting apparatus with concentrated beam

(57) A semi-built-in lighting apparatus with concentrated beam (10) comprising a containment body or outer casing (13), which is housed in an opening (12) of a false ceiling (11), a bulb socket unit (14), with respective reflector (27), and an outer filling ring (16), in which apparatus the outer filling ring (16) foresees an inner seat (31)

for housing at least one glass insert (32) and freely removable fastening means (19, 20) to the containment body or outer casing (13), a central cylindrical element (28, 29) with a limited diameter carrying at least one transparent piece of glass (36, 37) and being fixed in a central hole (33) of said at least one glass insert (32).

Fig. 1





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 05 10 3358

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	FR 2 617 946 A (PERCHE ETS) 13 January 1989 (1989-01-13) * abstract; figure 4 * * page 5, line 22 - line 33 * -----	1	INV. F21S8/02 F21V3/00
A	EP 1 400 746 A (AQUA SIGNAL AKTIENGESELLSCHAFT SPEZIALLEUCHTENFABRIK) 24 March 2004 (2004-03-24) * figures 5,6 * -----	1	
A	US 3 158 329 A (WINCE VEARL S) 24 November 1964 (1964-11-24) * figure 6 * -----	1	
A	DE 203 10 475 U1 (BARTENBACH, CHRISTIAN) 16 October 2003 (2003-10-16) * figure 1 * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			F21S F21V
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 14 September 2006	Examiner Allen, Catherine
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			

4
EPO FORM 1503 03.82 (P04C01)

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

EP 05 10 3358

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.

14-09-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2617946	A	13-01-1989	NONE	
EP 1400746	A	24-03-2004	DE 20214536 U1	05-12-2002
US 3158329	A	24-11-1964	NONE	
DE 20310475	U1	16-10-2003	AT 7022 U1	26-07-2004