(11) **EP 1 217 289 A3**

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **21.08.2002 Bulletin 2002/34**

(51) Int Cl.7: **F21S 8/02**, F21V 21/30

(43) Date of publication A2: 26.06.2002 Bulletin 2002/26

(21) Application number: 01204880.7

(22) Date of filing: 13.12.2001

(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: 21.12.2000 IT MI000712 U

(71) Applicant: iGUZZINI ILLUMINAZIONE S.R.L. I-62019 Recanati, Macerata (IT)

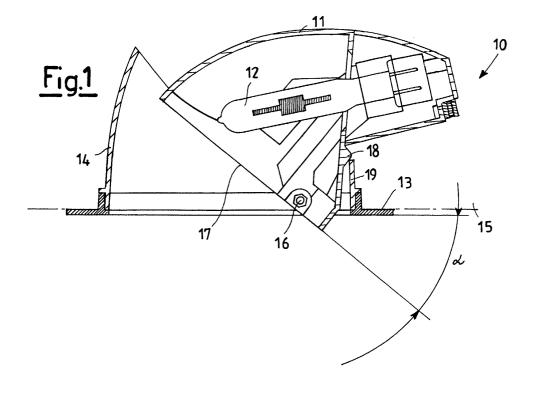
(72) Inventor: Gattari, Massimo 62018 Potenza Picena (Macerata) (IT)

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

(54) Built-in orientable lighting apparatus

(57) A built-in orientable lighting apparatus (10), of the type comprises a containment body (14) which hosts a lamp bay (11), inside of which there is at least one light source (12). The lighting apparatus (10) foresees means for realising the internal and external orientability of the lamp bay (11) with respect to the plane of the surface (15) to which the lighting apparatus is applied, in

such a way that the lamp bay (11) can move, reversibly, from a first maximum operating position, in which the lamp bay (11) forms a first internal angle (α) with the plane of the surface (15) to which the aforementioned lighting apparatus (10) is applied, to a second maximum operating position where the lamp bay (11) forms a second external angle (β) with the surface (15).





EUROPEAN SEARCH REPORT

Application Number EP 01 20 4880

| Category | Citation of document with indication of relevant passages | on, where appropriate, | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.CI.7) | | |
|---|---|--|---|--|--|--|
| Х | DE 28 09 616 A (HOFFMEI 13 September 1979 (1979 * page 10, line 6 - pag * figures 1,2 * | -09-13) | 1-4,7,8 | F21S8/02 F21V21/30 | | |
| A | * rigures 1,2 * | | 5,6 | | | |
| X | US 4 232 361 A (KELSALL 4 November 1980 (1980-1 * column 4, line 59 - c * figures 4-7 * | 1-04) | 1-4,7 | | | |
| Y A | _ | | 8 5,6 | | | |
| Υ | US 5 070 434 A (SUMAN M 3 December 1991 (1991-1 * column 2, line 9 - li | 2-03) | 8 | | | |
| A | * figure 1 * | | 1 | | | |
| | EP 0 561 483 A (SK LICHTTECHNIK GMBH) 22 September 1993 (1993-09-22) * column 3, line 7 - line 26 * * figures 7.8 * | | 1,2,7 | TECHNICAL FIELDS SEARCHED (Int.Cl.7) | | |
| | | | | | | |
| | The present search report has been of Place of search THE HAGUE | Irawn up for all claims Date of completion of the search 27 June 2002 | Co | Examiner Snard, D | | |
| X : par Y : par doc | ATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with another ument of the same category | T : theory or princ E : earlier patent of after the filling of D : document cited L : document cited | iple underlying the document, but put date d in the applicatio d for other reason | e invention olished on, or n s | | |
| A : technological background O : non-written disclosure P : intermediate document | | | &: member of the same patent family, corresponding document | | | |

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

EP 01 20 4880

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.

27-06-2002

| | Patent docume cited in search re | nt port | Publication date | | Patent family member(s) | Publication date |
|----|---|------------|---|---|--|--|
| DE | 2809616 | Α | 13-09-1979 | DE | 2809616 A1 | 13-09-1979 |
| US | 4232361 | Α | 04-11-1980 | NONE | . The state of the | UNI |
| US | 5070434 | A | 03-12-1991 | NONE | | |
| EP | 0561483 | А | | DE EP | 4209194 A1 0561483 A1 | 23-09-1993 22-09-1993 |
| | addi addi addi dilik dika dilik dilik cicik diba bida dilak | - | ann | ilm east wind dien aller mein dien dien | | MET HAN THE COLO AND COM COM AND AND COM MAN AND AND AND |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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

FORM P0459