



(11) **EP 1 733 653 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**20.06.2007 Bulletin 2007/25**

(51) Int Cl.:  
**A47F 3/00<sup>(2006.01)</sup> H01R 13/62<sup>(2006.01)</sup>**  
**F21V 21/002<sup>(2006.01)</sup>**

(43) Date of publication A2:  
**20.12.2006 Bulletin 2006/51**

(21) Application number: **06076165.7**

(22) Date of filing: **02.06.2006**

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

(71) Applicant: **SARNO S.p.A.  
Barzano (LC) (IT)**

(72) Inventor: **Nobili, Renato  
Correzzana (MI) (IT)**

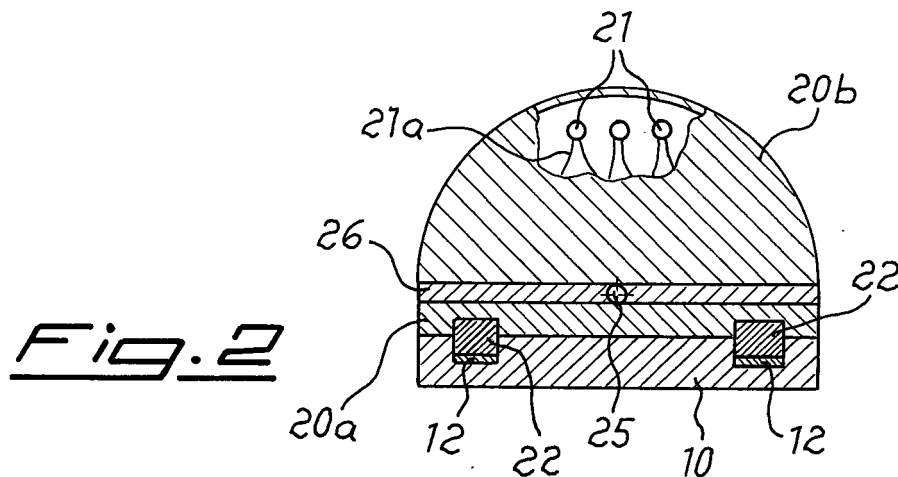
(30) Priority: **13.06.2005 IT MI20050216 U**  
**26.08.2005 IT MI20050302 U**

(74) Representative: **Raimondi, Margherita  
Dott. Ing. Prof. Alfredo Raimondi S.r.l.,  
Piazzale Cadorna, 15  
20123 Milano (IT)**

(54) **Lighting device for display cabinets and/or display areas**

(57) Lighting device for display cabinets or display premises, comprising at least one base (10;110) to which conductors (12;112) are integrally fixed, and at least one lamp-holder body (20;120) inside which the light sources

(21) are arranged, said lamp holder having, attached thereto, permanent magnets (22;122) arranged in a position opposite that of the conducting bars (12;112) for engagement with each other.



**EP 1 733 653 A3**



| 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  | FR 2 639 410 A (ETUDES REALIS QUALITE HABITAT [FR]) 25 May 1990 (1990-05-25)<br>* page 4, line 26 - page 5, line 12 *<br>* figures 1-3 *                            | 1-5,7,<br>17,18,23  | INV.<br>A47F3/00<br>H01R13/62<br>F21V21/002             |
| X  | US 5 397 238 A (OCH MATHIAS [CH])<br>14 March 1995 (1995-03-14)<br>* column 3, line 51 - column 4, line 5 *<br>* figures 1,2 *                                      | 1-3,5,<br>17,18,23  |   |
| Y  |   | 20  |   |
| Y  | US 5 154 509 A (WULFMAN DAVID R [US] ET AL) 13 October 1992 (1992-10-13)<br>* figure 5 *  | 20  |   |
| X  | US 4 752 756 A (BARTEL BERNHARD [DE])<br>21 June 1988 (1988-06-21)<br>* column 3, line 17 - line 44 *<br>* figures 6,8 *  | 1,5,7,8,<br>13  |   |
| Y  |   | 14,15   |   |
| X  | DE 102 07 367 A1 (GRUBER BRUNO [DE])<br>12 September 2002 (2002-09-12)<br>* paragraph [0034] - paragraph [0038] *<br>* figures 8-10 *                               | 1-6   | TECHNICAL FIELDS SEARCHED (IPC)<br>F21V<br>H01R<br>A47F |
| Y  |   | 9   |   |
| Y  | WO 03/036159 A (TIR SYSTEMS LTD [CA]; JACOB STEPHANE FREDERICK [CA]; YORK ALLAN BRENT) 1 May 2003 (2003-05-01)<br>* page 6, line 22 - line 30 *<br>* figures 9,10 * | 9   |   |
| X  | DE 198 20 104 A1 (KNAPP MICHAEL G [DE])<br>11 November 1999 (1999-11-11)<br>* figure 6 *  | 1-5,7,<br>17,19   |   |
| Y  |   | 10-12   |   |
| -----<br>-/--  |   |   |   |
| The present search report has been drawn up for all claims   |   |   |   |
| Place of search<br>The Hague   |   | Date of completion of the search<br>4 May 2007  | Examiner<br>Allen, Katie                                |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |   | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>-----<br>& : member of the same patent family, corresponding document |   |

EPO FORM 1503 03.82 (P04C01)



| 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   | US 4 173 035 A (HOYT STEVEN D [US])<br>30 October 1979 (1979-10-30)<br>* figures 1,3-5 *  | 10-12,<br>14,15   |   |
| X   | -----<br>US 5 455 754 A (HOFFNER MAX [FR])<br>3 October 1995 (1995-10-03)<br>* figures 10-12 *<br>* column 5, line 42 - line 47 * | 1,5,7,8   |   |
| X   | -----<br>GB 1 032 184 A (PHILIPS ELECTRONIC ASSOCIATED) 8 June 1966 (1966-06-08)<br>* figure 1 *                                  | 1,5,8   |   |
| The present search report has been drawn up for all claims  |   |   | TECHNICAL FIELDS SEARCHED (IPC)         |
| Place of search<br><b>The Hague</b>   |   | Date of completion of the search<br><b>4 May 2007</b>   | Examiner<br><b>Allen, Katie</b>         |
| <b>CATEGORY OF CITED DOCUMENTS</b><br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |   | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>.....<br>& : member of the same patent family, corresponding document |   |

3  
EPO FORM 1503 03/02 (P04C01)

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

EP 06 07 6165

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.

04-05-2007

| Patent document cited in search report |    | Publication date | Patent family member(s)  | Publication date   |
|--|----|------------------|--|--|
| FR 2639410                             | A  | 25-05-1990       | NONE   |  |
| US 5397238                             | A  | 14-03-1995       | NONE   |  |
| US 5154509                             | A  | 13-10-1992       | NONE   |  |
| US 4752756                             | A  | 21-06-1988       | DE 3609660 A1<br>EP 0238017 A2   | 01-10-1987<br>23-09-1987   |
| DE 10207367                            | A1 | 12-09-2002       | NONE   |  |
| WO 03036159                            | A  | 01-05-2003       | CA 2463350 A1<br>DE 10297364 T5<br>GB 2398116 A<br>JP 2005506672 T<br>US 2003081419 A1   | 01-05-2003<br>28-10-2004<br>11-08-2004<br>03-03-2005<br>01-05-2003   |
| DE 19820104                            | A1 | 11-11-1999       | NONE   |  |
| US 4173035                             | A  | 30-10-1979       | NONE   |  |
| US 5455754                             | A  | 03-10-1995       | AT 126340 T<br>CA 2105311 A1<br>DE 69300362 D1<br>DE 69300362 T2<br>EP 0587882 A1<br>ES 2078822 T3<br>FR 2685947 A1<br>WO 9314347 A1<br>JP 6505828 T | 15-08-1995<br>07-07-1993<br>14-09-1995<br>18-04-1996<br>23-03-1994<br>16-12-1995<br>09-07-1993<br>22-07-1993<br>30-06-1994 |
| GB 1032184                             | A  | 08-06-1966       | AT 247458 B<br>CH 424979 A<br>NL 294889 A<br>SE 317129 B   | 10-06-1966<br>30-11-1966<br><br>10-11-1969   |

EPO FORM P0459

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