



(11) **EP 2 079 067 A1**

(12) **EUROPEAN PATENT APPLICATION**  
published in accordance with Art. 153(4) EPC

(43) Date of publication:  
**15.07.2009 Bulletin 2009/29**

(51) Int Cl.:  
**G09F 7/04 (2006.01)**

(21) Application number: **06820032.8**

(86) International application number:  
**PCT/ES2006/070159**

(22) Date of filing: **25.10.2006**

(87) International publication number:  
**WO 2008/049937 (02.05.2008 Gazette 2008/18)**

(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**

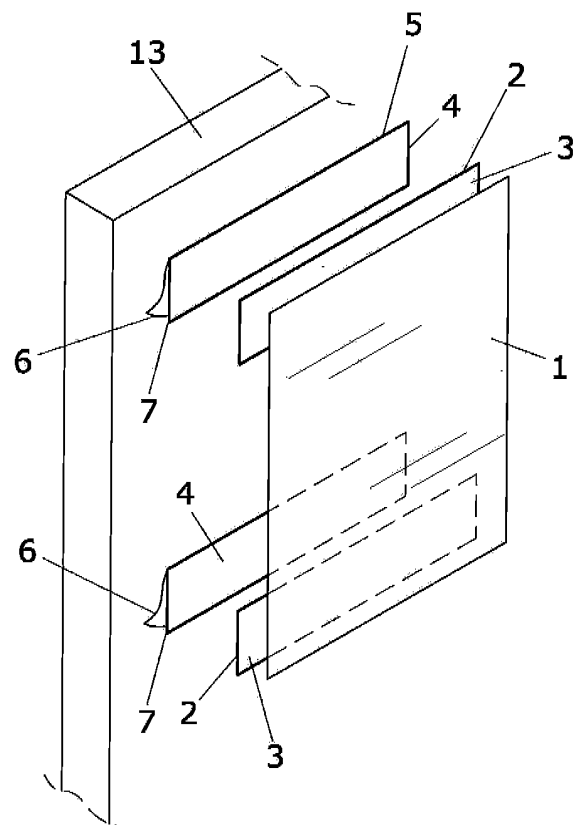
(72) Inventor: **Perez Rodriguez, Guillermo**  
**28860 Alcala de Henares (ES)**

(71) Applicant: **Posterfix, S.L.**  
**28860 Alcala de Henares (ES)**

(74) Representative: **Martin Santos, Victoria Sofia**  
**C/Explanada 8 4°**  
**28040 Madrid (ES)**

(54) **DOCUMENT DISPLAY DEVICE**

(57) Display unit that enables us to fix a document showing the information contained in it, in such a way that the document may be replaced with another, the display unit being fixed in a simple straightforward manner on any surface, having for this purpose a transparent sheet which is provided at its upper and lower portion with identical fixing means, which consist of two parts or halves, one that is attached to the transparent sheet and made up of a magnetic strip fixed by means of adhesive or a double-sided adhesive strip, while the other half, which is secured to the bearing surface to which we wish to attach the display unit, made up of a ferromagnetic or magnetic band that is provided on the face for attachment to the bearing surface with means of fixing by way of adhesives or a double-sided adhesive strip.



**FIG. 1**

**EP 2 079 067 A1**

**Description****OBJECT OF THE INVENTION**

[0001] The object of the present invention is a document display unit which enables the information contained in the documents displayed to be shown in a protected and securely supported manner.

[0002] The present invention is characterised on the one hand by the special configuration and design of the means used for the purpose of achieving a display unit that protects the information shown and, on the other, by the fact that the display unit can be fixed in a replaceable way on any type of wall or surface, using magnetic means both as the means for retaining the document and for fixing the display unit to the bearing surface.

[0003] The present invention therefore lies within the sphere of information display units which are attached to vertical surfaces or walls.

**BACKGROUND OF THE INVENTION**

[0004] To date known document display units either have means designed in such a way that they permit the fastening of the document by means of specially designed pieces which are subsequently attached to the surface on which we wish to show the information contained in a document.

[0005] Document display means are also known that use magnetic fastening means, although these are based on the use of means hinged at their top and bottom parts in such a way that they define a space where one end of the document to be displayed is housed, whilst the other free end is retained by magnetic means.

[0006] The object of the present invention, therefore, is a document display unit that will enable the information contained in a document to be shown in such a way that the document is retained securely, that the document displayed is easily replaceable with another one, that the display unit may be fixed on any type of surface irrespective of its nature and wherein the means for retaining the document and for fastening the display unit are based on magnetic means disposed on the ends of the display unit.

**DESCRIPTION OF THE INVENTION**

[0007] The proposed document display unit invention basically consists of a transparent sheet, preferably of PVC or the like which is provided at the top and bottom with means for securing the display unit to a surface where we wish to attach it. These upper and lower securing means are separable in two parts or halves: on the one hand, one part or half is attached to the transparent sheet, while the other part or half is secured to the surface on which we wish to attach the display unit. Between both parts of each of the upper and lower means of attachment a space is defined where the ends of the

document to be displayed are housed, both parts being attracted since at least one of the parts presents magnetic properties and the other is made from ferromagnetic material, although it may also be made from magnetic material.

[0008] Each of the parts making up the upper and lower means for securing the display unit is fixed on the transparent sheet or the surface where we wish to attach the display unit by means of adhesives or glues.

[0009] In an alternative embodiment, instead of using adhesives disposed on the strips of each one of the upper and lower securing means halves, double-sided adhesive strips may be used, such that a strip adhesive on both sides is interposed between the magnetic strip and the transparent PVC sheet, both in the upper and lower securing means, with the result that it enables the magnetic strip to be attached to the transparent PVC sheet. Furthermore, on the other half of the upper and lower fixing means that are secured on the surface on which we wish to attach the display unit, instead of using an adhesive applied to the fastening face of the ferromagnetic or magnetic strip, a double-sided adhesive strip is used, so that one of the strips is stuck to the ferromagnetic or magnetic band, while the other side is protected by a paper that is removable at the time of its attachment to the surface to be displayed.

[0010] Thanks to the structure of the fixing means, it is possible to replace a document being displayed for another in a simple and straightforward manner, while it may also be used on any kind of surface, such as glass, wood, panels and so on. In the event of the surface on which the display unit is fixed being glass, the document to be displayed should be placed with the face oriented to one side or the other, depending on from where we want the information to be seen.

[0011] As the upper and lower fastening means are each made up of two separable parts or halves, another advantage stemming from the structure that is presented by the object of the invention is that they may be replaced with one another, i.e. if the part of the sheet has been damaged along with its upper and lower magnetic strips, they may be replaced with another identical part without any need to remove the part of the securing means fixed to the surface where the display unit is attached, and likewise to the contrary, if either the upper or the lower part of the means of fixing to the attach surface is damaged, it may be removed and another similar one set in its place, without having to discard the whole display unit.

**EXPLANATION OF THE DRAWINGS**

[0012] To supplement the description that is now going to be given and in order to assist in a clearer understanding of the features of the invention, a set of drawings is adjoined as an integral part of the present descriptive report, wherein the most significant details are represented for purely informative and non-restrictive purposes.

Figure 1 shows a perspective representation where we observe a close view of the items making up the display unit assembly that is the object of the invention.

Figure 2 shows an alternative form of embodiment where we observe a close perspective view of the features of the display unit assembly that is the object of the invention.

### **PREFERRED EMBODIMENT OF THE INVENTION**

[0013] In the light of the above-mentioned figures we now go on to describe a mode of preferred embodiment of the invention, as well as the explanation of the drawings.

[0014] In figure 1, we may observe that the display that is the object of the invention consists of a transparent sheet (1), preferably of PVC or the like, which is provided on its upper and lower portion with identical fixing means, each of them made up of two parts or halves.

[0015] One of the halves of both the upper and lower fixing means consists of an upper magnetic strip or band (2) which is attached by adhesive (3) to the sheet (1).

[0016] The other of the halves of the fixing means, both upper and lower, consists of an at least ferromagnetic strip or band (4) which is provided on one of its faces - the one in contact with the bearing surface (13) - with an adhesive (7), suitably protected by means of a removable protection strip (6), which should be peeled off at the time of sticking to the bearing surface (13).

[0017] In this way, it is possible to attach the display unit assembly to any surface, as the ferromagnetic band (4) can be secured to any surface thanks to the fixing means used, such as adhesives or glues.

[0018] Instead of the ferromagnetic band (4) we may also use a magnetic strip, which would also permit the attraction of the two parts or halves making up the upper and lower fixing means.

[0019] Figure 2 shows an alternative form of embodiment, which does not change the essential nature of the invention in any way, and it may be observed that instead of having an adhesive both on the magnetic band (2) fixed to the transparent sheet (1) and on the magnetic strip (9) fixed to the surface to be displayed, strips are used that are adhesive on both sides, (8) and (10), respectively. That is to say, a double-sided adhesive strip (8) is placed between the magnetic band (2) and the transparent sheet (1), while a double-sided adhesive strip (10) is interposed between the magnetic strip (9) and the bearing surface (13).

[0020] The adhesive strip (10) has one of its faces, the one for attachment to the bearing surface (13), protected by means of a removable strip (11), which should be peeled off at the time of attachment to the bearing surface.

[0021] Thanks to the configuration described, it may be observed that between the two halves making up the

upper and lower fixing means there is a space (12) defined wherein the upper and lower ends of the document to be displayed are housed. Likewise, through being independent in their action, besides permitting easy replacement of one document for another, it is possible for each one of the halves or its parts making up the upper and lower fixing means to be replaced without having to discard the whole display unit.

[0022] It is not considered necessary to make this description more extensive for any expert on the subject to be able to appreciate the scope of the invention and the advantages stemming from it.

[0023] The materials, shape, size and layout of the elements shall be open to variation providing that the essential nature of the invention is not altered.

[0024] The terms in which this report has been drafted should always be taken in their broadest non-restrictive sense.

### **Claims**

1. Document display unit **characterised in that** it consists of:

- a transparent sheet of PVC,
- identical upper and lower fixing means, each of them in parts or halves, one of said halves being attached to the transparent sheet, while the other half is attached to the bearing surface; where the part fixed to the transparent sheet consists of a magnetic band which is attached to the plastic sheet by means of an adhesive or glue, while the part attached to the bearing surface consists of a ferromagnetic band the face of which for attachment to the bearing surface has an adhesive protected by means of a removable protection strip;

all this in such a way that between the parts or halves of the upper and lower fixing means there is a space defined where the ends of the documents to be displayed are housed, while the transparent sheet may be detached completely, along with its parts or fixing halves adhered to it, from the fixing half attached to the support surface.

2. Document display unit according to claim one, **characterised in that** the part or half of the upper or lower fixing means which are attached to the bearing surface use a magnetic band.

3. Document display unit according to claim one, **characterised in that**, instead of using adhesive as the means of fixing of each one of the parts or halves of the means of attachment to the transparent sheet or to the bearing surface, a double-sided adhesive strip is used, thus the magnetic band attached to the

transparent sheet is fixed by means of a double-sided adhesive strip, while the ferromagnetic or magnetic band attached to the bearing surface uses a strip adhesive on both sides, where one of the faces is covered by a removable protection strip.

5

10

15

20

25

30

35

40

45

50

55

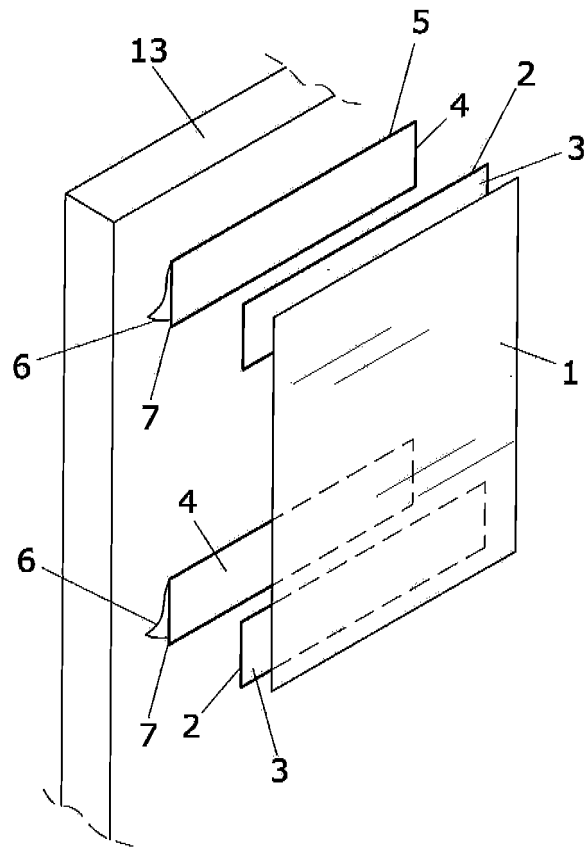


FIG.1

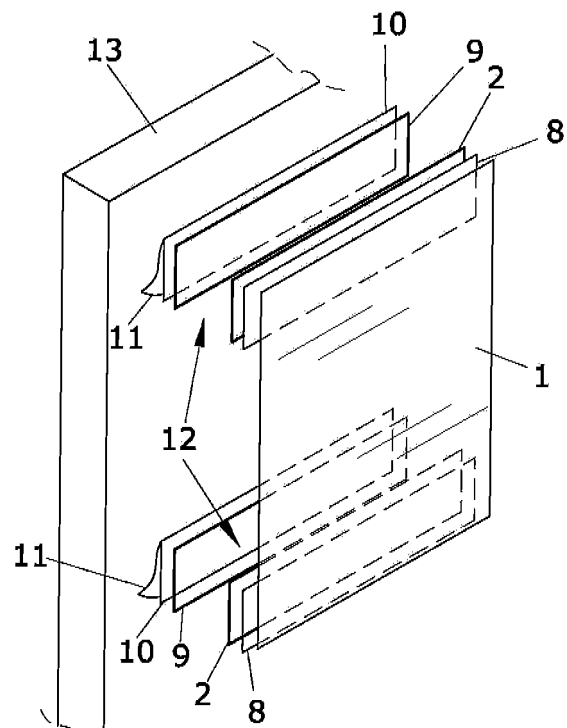


FIG.2

INTERNATIONAL SEARCH REPORT

International application No  
PCT/ES2006/070159

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> INV. G09F7/04  According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) G09F  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 42 27 069 A1 (HENNING ALBERT [DE]; HENNING INGEBORG [DE]) 24 February 1994 (1994-02-24) claims 1,2,4,5,8 column 3, line 42 - line 66 figure 1	1-3
A	DE 20 2004 020082 U1 (ZEIN URSULA [DE]) 7 April 2005 (2005-04-07) paragraphs [0004], [0005] figures	1,2
A	DE 86 26 308 U1 (FISCHER, HARALD, DIPL.-ING., 7033 HERRENBERG, DE) 5 February 1987 (1987-02-05) claims 1-3 page 3 figure 3	1,2
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
20 June 2007		28/06/2007
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Stichauer, Libor

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No  
PCT/ES2006/070159

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 4227069	A1	24-02-1994	NONE
DE 202004020082	U1	07-04-2005	NONE
DE 8626308	U1	05-02-1987	NONE