



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

(43) Date of publication:
03.05.2017 Bulletin 2017/18

(51) Int Cl.:
G09F 3/18 (2006.01) A47B 88/00 (2017.01)

(21) Application number: **15812476.8**

(86) International application number:
PCT/ES2015/070446

(22) Date of filing: **05.06.2015**

(87) International publication number:
WO 2015/197895 (30.12.2015 Gazette 2015/52)

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME
Designated Validation States:
MA

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(30) Priority: **25.06.2014 ES 201430958**

(54) **CARD HOLDER FOR THE FRONTS OF DRAWERS AND CUPBOARD DOORS**

(57) The invention relates to a card holder for the fronts of drawers and doors of cupboards, consisting of a body (2) in the form of a plate, having on the sides and at the lower part of the front face a rim (3) forming opposing side grooves (4), between which a card can be

inserted, whereas on the upper edge there projects rearwardly a wing (6), having a downward fold (7), defining a channeled form which allows it to be fit on the edge of a panel of the front of a drawer or door.

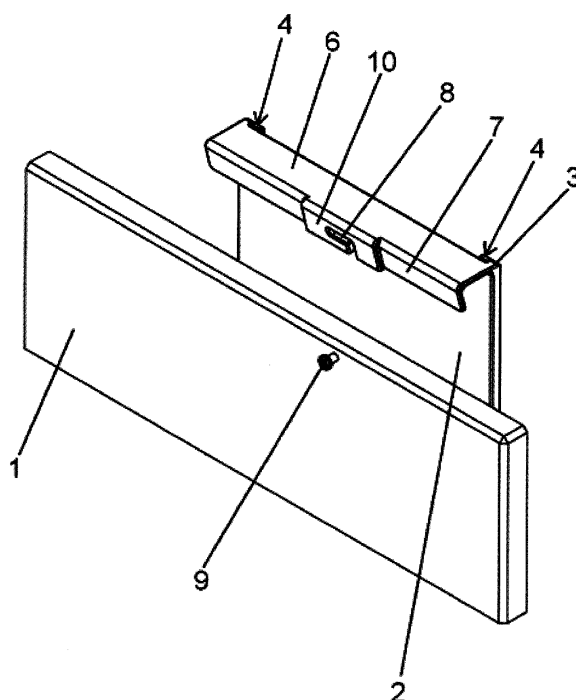


Fig. 5

DescriptionField of the Art

[0001] The present invention relates to the housing of objects in a classified manner in cupboards, proposing a card holder which is very easy to place and replace in the fronts of drawers and doors in cupboards, for identifying and providing information about objects housed in said cupboards.

State of the Art

[0002] In many activities, such as for example pharmacies, hospitals, warehouses, etc., it is usual to house ordered and classified objects in cupboards provided with drawers or with spaces which are closed with doors, wherein products or objects are housed in a classified manner, it being necessary to provide references and information which allow identifying from the outside the objects which are housed in each drawer or space of said cupboards.

[0003] To that end, cards are usually used which are arranged, by means of supports referred to as card holders, on the outside of the fronts of drawers or on the doors of the spaces for housing the objects, said card holders normally having a fixed installation, by means of adhesion, screwing or other fixing means.

[0004] In hospitals, for example, it is common to use mobile cupboards in which drugs and nursing objects are arranged duly classified, said cupboards being used by different people as appropriate due to work shifts, which requires the contents housed in the different drawers or spaces of the cupboards to be perfectly identified, in order to facilitate the task of the users and prevent mistakes that may have important consequences.

[0005] Furthermore, the contents which are arranged in said cupboards cannot be protocolized in a manner related thereto, since the same types of cupboards are used in different places, such that, depending on whether they are used in one sector or another, such as an operating room, in a laboratory, etc., the contents which are housed in the cupboards are different.

[0006] In addition, cupboards for hospital use require, on one hand, particular cleanliness conditions, since besides their construction and ergonomics, they must comply with a very strict hygiene, meaning that they must have a low tendency to store dirt and that, in contrast, they have a high capacity for in-depth cleaning.

[0007] Currently, the most usual way to identify the contents housed in cupboards for hospital use and others is to arrange stickers on the fronts of drawers or doors of the spaces of the distribution of the cupboards, but the stickers define edges which accumulate dirt, are not easy to replace and usually leave behind remains on the cupboards when they are removed from the space of application.

Object of the Invention

[0008] According to the invention, a card holder is proposed which is intended to be incorporated on the fronts of drawers or on doors of cupboards for housing classified products or objects, with embodiment features of said card holder which make it advantageous for that application.

[0009] The proposed card consists of a body in the form of a plate the front face of which has a rim extending over the sides and at the lower part, defining opposing side grooves between which a card can be inserted by means of introducing it through the upper part and sliding it until it abuts with the lower edge, whereas from the upper edge of the body there projects rearwardly a wing bending in a downward fold, which wing defines a channeled form which allows it to be fit on the edge of a front panel of a drawer or a door.

[0010] A card holder is thus obtained which is easy to incorporate in an application assembly with respect to fronts of drawers or doors and which allows very easily arranging written or printed cards with information relating to the products or objects which are housed in the cupboards of application, the cards furthermore being very easily replaceable in order to change the information, when necessary.

[0011] As a result of the assembly arrangement, it is also very easy to disassemble the card holder from the fronts of drawers or doors of application, which facilitates the hygienic cleaning of the cupboards of application, preventing accumulations of dirt in the assembly area of the card holder, while at the same time allowing an in-depth and complete cleaning of the card holder itself, since, because it can be disassembled from the fronts of drawers or doors of application it can be introduced in water for thorough cleaning by means of washing.

[0012] In the assembly arrangement on the fronts of drawers or on doors of application, the card holder can be secured with a retention preventing the involuntary disassembly due to blows or other accidental causes, by means of any removable fixing solution, such as rods or wood screws.

[0013] In that sense, a particular solution is provided by means of an L-shaped groove defined in the downward fold of the rear wing with which the assembly for fastening the card holder is established, with a combination of said groove in relation to a projecting rod in the rear face of the front of the drawer or door of application, such that the assembly for fastening the card holder on the fronts of drawers or on doors of application can be established by means of fitting and sliding, the projecting rod of the rear face of the front of the drawer or door being inserted in the L-shaped groove of the wing for fastening the card holder, thus resulting in a retention which forces having to slide the card holder in the direction opposite that of the assembly, for the disassembly removal. This solution ensures the retention of the card holder in the application assembly, without it being necessary to re-

move the retention rod to withdraw the card holder from said application assembly, which makes disassembly easier, when it is necessary, to clean or replace the card holder.

[0014] Therefore, the proposed card holder has features which make it very advantageous for its application, acquiring its own identity and a preferred character with respect to conventional solutions which are used for the same function of identifying classified contents in drawers or spaces with cupboard doors.

Description of the Drawings

[0015]

Figure 1 shows a perspective view of an embodiment of the card holder object of the invention observed from the front part.

Figure 2 is a perspective view of the same card holder observed from the rear part.

Figure 3 is a front view of the card holder.

Figure 4 is a corresponding profile view with respect to the previous figure.

Figure 5 is a perspective view of the card holder observed from the rear part in an assembly arrangement on an application panel.

Figure 6 is a front perspective view of the card holder assembled on an application panel, with a card partially inserted in the card holder.

Detailed Description of the Invention

[0016] The object of the invention relates to a card holder intended to be incorporated in panels (1) of fronts of drawers or doors of cupboards for housing products or objects in a classified distribution, such as cupboards for hospital use in which drugs and nursing objects are stored, for example, without this being limiting.

[0017] The proposed card holder consists of a body (2) in the form of a plate, the front face of which has on the sides and at the lower part a rim (3) forming opposing side grooves (4), between which a card (5) can be inserted by means of sliding, until resting on the rim (3) of the lower part.

[0018] In the upper edge of the body (2) there projects rearwardly a wing (6) in the form of a plate, having at the end part a downward fold (7), defining a channeled form.

[0019] Thus, said body (2) of the card holder can be fastened, by means of a fitted coupling with the wing (6), on the edge of a panel (1) of the front of a drawer or door, as observed in Figure 6, which allows arranging a written or printed card (5) containing data or information about the products or objects which are housed inside the cupboard to which the drawer or the door of application corresponds.

[0020] The card (5) is inserted by sliding between the side grooves (4) defined by the rim (3) in the front of the body (2) of the card holder, it being very easy to perform

the introduction and the removal, such that the card (5) can easily be replaced when needed to change information in the card holder.

[0021] In the assembly on the panel (1) of a front of the drawer or of a door, the card holder is fastened by itself by means of the snap-fit established by the wing (6) with its fold (7) in said assembly, but to prevent the involuntary disassembly due to blows, friction or other accidental causes, the fastening can be assured with a retention, for example by means of a fixing with rods or wood screws.

[0022] In that sense, to allow a secure retention of the card holder without having to manipulate retention elements during assembly and disassembly, a solution is particularly provided consisting of an L-shaped groove (8) defined in the fold (7) of the wing (6), with a branch of said groove (8) open from the edge of the mentioned fold (7) and the other branch parallel to the edge, as observed in Figures 2 and 5, combining said L-shaped groove (8) with a projecting rod (9) on the rear face of the assembly panel (1) of the card holder.

[0023] Thus, as can be seen from Figure 5, the card holder is assembled by fitting the wing (6) on the edge of the panel (1) of application, such that the rod (9) is inserted in the groove (8), such that once the fit is established, by laterally displacing the body (2) of the card holder the rod (9) slides over the branch of the groove (8) parallel to the edge of the fold (7), thus establishing a retention which prevents directly removing the card holder disassembly, making it necessary to perform lateral displacement of the body (2) in the direction opposite that of the assembly, to release the retention and be able to perform the disassembly removal.

[0024] The fold (7) has a thickened reinforcement area (10) in which the L-shaped groove (8) is defined, thus resulting in greater resistance of the part abutting with the rod (9) in the retention of the assembly of the card holder on the panel (1) of the front of the drawer or door of application.

Claims

1. A card holder for the fronts of drawers and doors of cupboards, to arrange cards (5) with information relating to objects which are housed classified in drawers or cupboard spaces, **characterized in that** it consists of a body (2) in the form of a plate, the front face of which has on the sides and at the lower part a rim (3), which forms opposing side grooves (4) which allows inserting therebetween a card (5), whereas at the upper edge there projects rearwardly a wing (6), having a downward fold (7), defining a channeled form which can be fit on the edge of a panel (1) of a front of a drawer or door.
2. The card holder for the fronts of drawers and doors of cupboard according to claim 1, **characterized in**

that the fold (7) of the wing (6) has an L-shaped groove (8), with one of the branches open from the edge of the fold (6) and the other branch parallel to said edge, defining a guide which allows establishing a retention against the disassembly, in collaboration with a projecting rod (9) on the rear face of the panel (1) of application. 5

3. The card holder for the fronts of drawers and doors of cupboard according to claims 1 and 2, **characterized in that** the fold (7) of the wing (6) has a thickened reinforcement area (10) in which the L-shaped groove (8) is defined. 10

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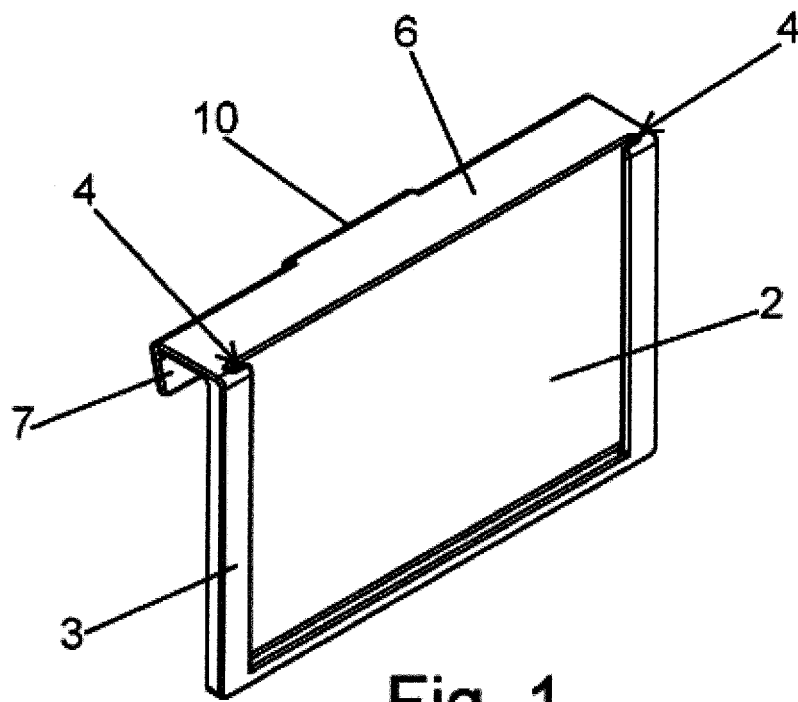


Fig. 1

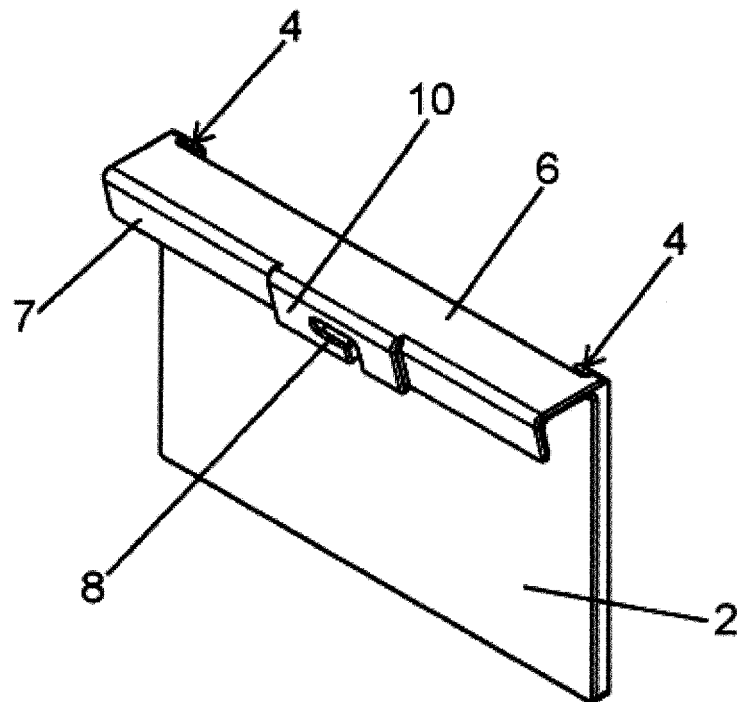


Fig. 2

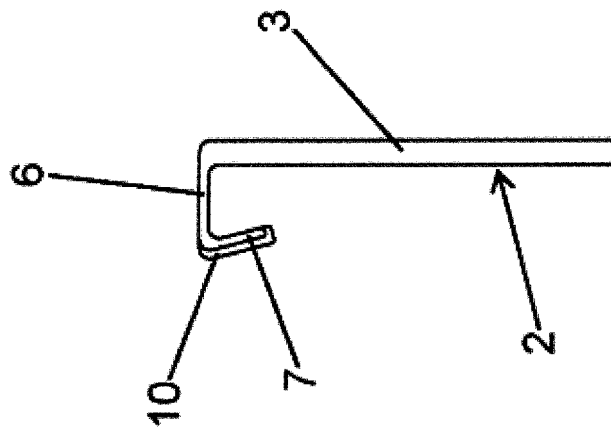


Fig. 4

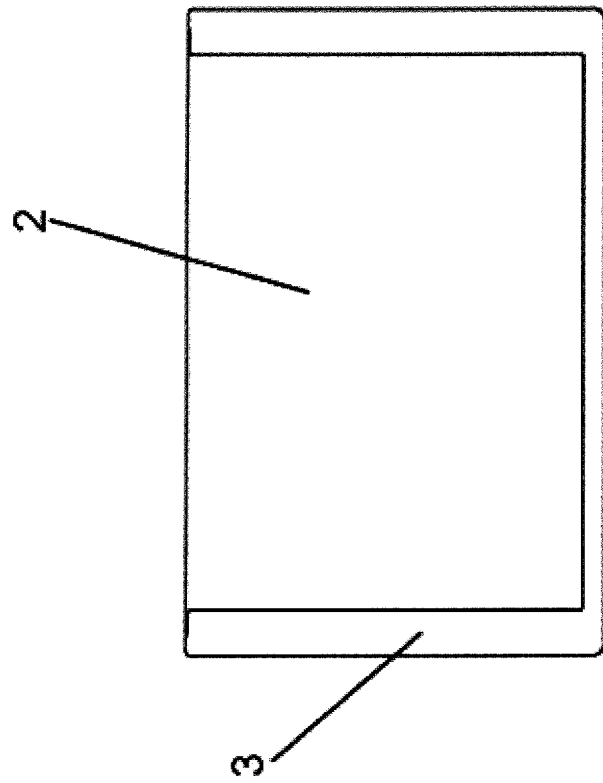


Fig. 3

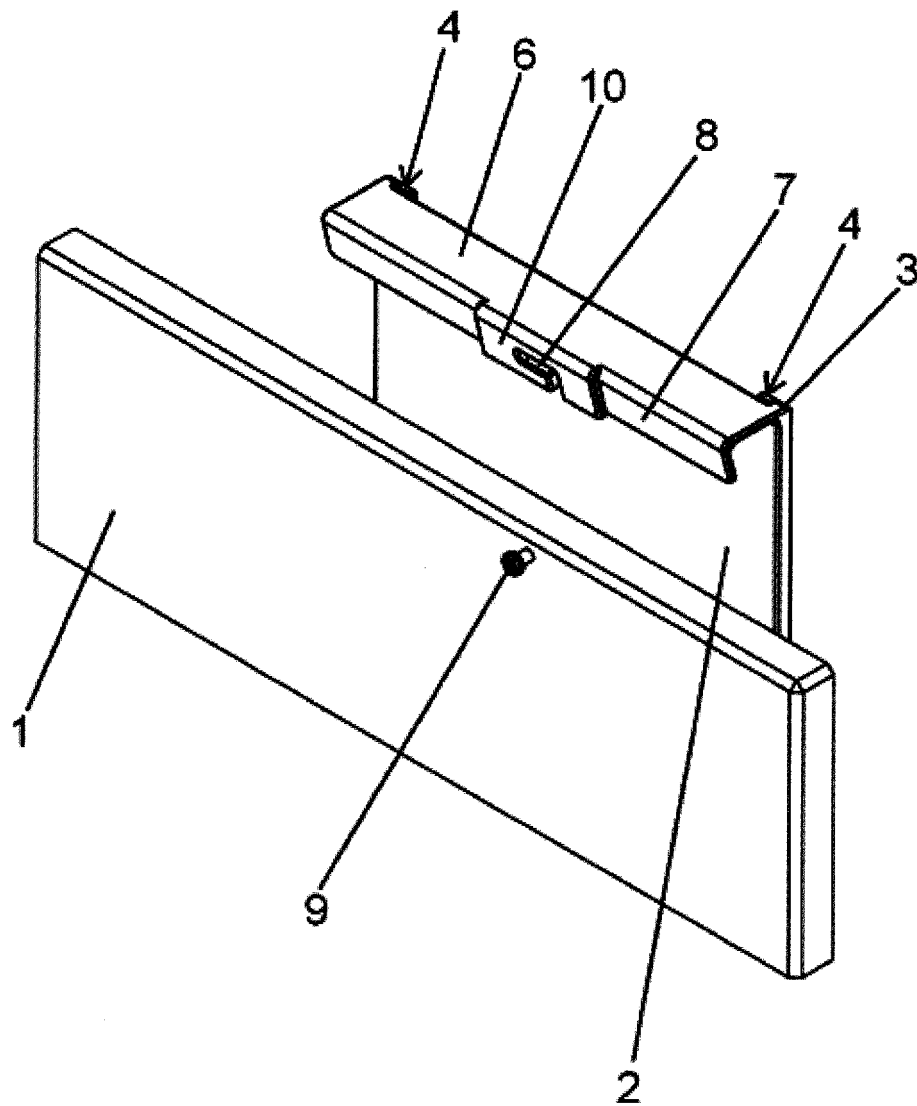


Fig. 5

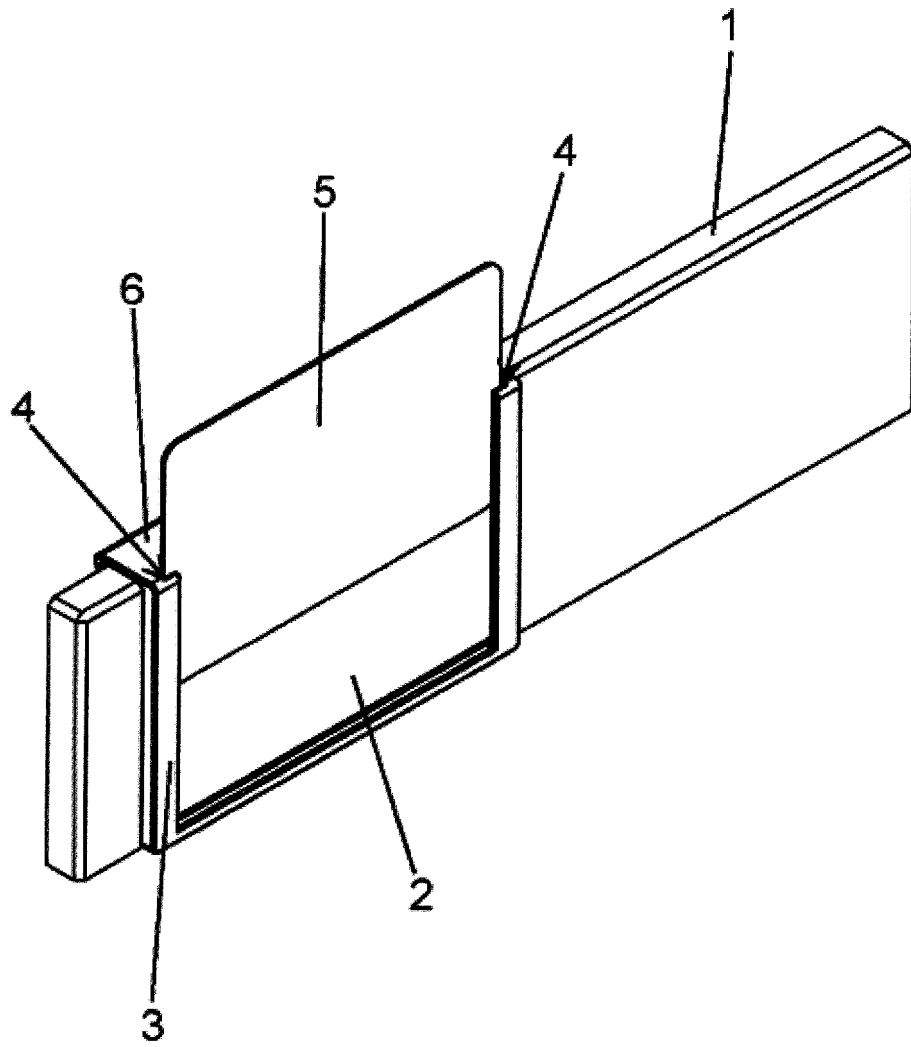


Fig. 6

INTERNATIONAL SEARCH REPORT

International application No.
PCT/ES2015/070446

A. CLASSIFICATION OF SUBJECT MATTER

G09F3/18 (2006.01)

A47B88/00 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G09F, A47B

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 practicable, search terms used)

EPODOC, INVENES

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	ES 2366882T T3 (STEELCASE SA) 26/10/2011, page 3, lines 50 - 66; figures 1 and 4.	1 2
X A	US 2007124974 A1 (LANIER ESTHER N) 07/06/2007, figures 1 - 3. paragraphs[41 - 49]; WO 2005036505 A1 (YUDIGAR S L ET AL.) 21/04/2005, page 1, lines 23 - 29; figures 6-12	1 1, 2
A	US 4096603 A (KLAUS GERALD R) 27/06/1978, figures 1 - 2.	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

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"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 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

07/08/2015

Date of mailing of the international search report

(10/08/2015)

Name and mailing address of the ISA/

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Form PCT/ISA/210 (second sheet) (July 2009)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ES2015/070446

Information on patent family members

Patent document cited in the search report	Publication date	Patent family member(s)	Publication date
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