



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

(43) Date of publication:
07.03.2018 Bulletin 2018/10

(51) Int Cl.:
B65D 25/20 (2006.01)

(21) Application number: **16786005.5**

(86) International application number:
PCT/ES2016/070176

(22) Date of filing: **16.03.2016**

(87) International publication number:
WO 2016/174286 (03.11.2016 Gazette 2016/44)

(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 MD

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(30) Priority: **28.04.2015 ES 201530482 U**

(54) **CARDHOLDER FOR CONTAINERS**

(57) Disclosed is a cardholder (1) for labelling containers designed for storing, transporting, distributing and delivering all types of products or parts. The cardholder (1) comprises an upper longitudinal edge (3), a lower longitudinal edge (4), and lateral edges (5), all of which surround and protect a frame (2), the frame (2) compris-

ing a transparent sheet (11). According to the invention, the upper longitudinal edge (3) comprises a trapezoidal opening (7) having a slope that increases from bottom to top for inserting a label, and the lateral edges (5) comprise female projections (6) that couple to lugs (12) included in the walls of the container (13).

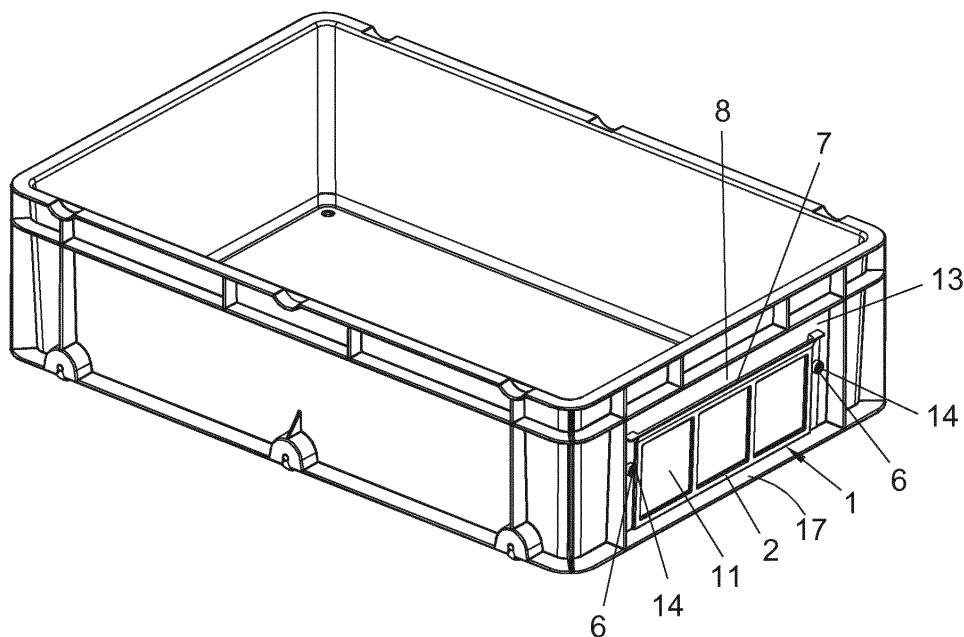


FIG. 5

Description

OBJECT OF THE INVENTION

[0001] The object of the present invention refers to a cardholder for labelling containers designed for storing, transporting, distributing and delivering all types of products or parts.

[0002] It is of particular use in the warehousing industry.

TECHNICAL PROBLEM TO ADDRESS AND BACKGROUND OF THE INVENTION

[0003] In the current state of the art, there are numerous known cardholders for identifying the contents of boxes or containers; however, due to the bustle and how often said containers are used, these cardholders end up deteriorating or coming off irreversibly, so that they either need to be fixed again by means of rivets on the free area of the container, or the container is discarded and replaced for a new one.

[0004] Generally, it has been shown that using rivets in cardholders is very inconvenient since the heads of said rivets can interact negatively with the contents of the container.

[0005] In addition, another inconvenient of using rivets is that as the cardholders deteriorate and need to be replaced for new ones, the superposition of some rivets over others ends up gravely damaging the appearance of the container.

[0006] Therefore, the present invention solves the aforementioned problems of the state of the art, providing a new cardholder that is characterised in that it comprises means for coupling to and decoupling from the walls of a container. Said means consists of female projections, that fit into lugs of the container and are secured by means of screws.

DESCRIPTION OF THE INVENTION

[0007] The present invention refers to a cardholder for containers, with a rectangular perimeter, comprising an upper longitudinal edge, a lower longitudinal edge, and lateral edges, all of which surround and protect a frame.

[0008] The upper longitudinal edge comprises a trapezoidal opening having a slope that increases from bottom to top for inserting a label, and the lateral edges comprise female projections that couple by means of pressure fitting to lugs included in the walls of the container. The opening comprises an anti-return stop for holding the label in place.

[0009] The cardholder is preferably manufactured using plastic materials, and it is fixed to the lugs of the container by means of screws.

[0010] The frame, which is preferably rectangular and it is divided in three sections, comprises a transparent sheet. A rear side of the frame comprises protrusions

that press the label against the wall of the container.

[0011] According to a first embodiment, the lower longitudinal edge of the cardholder comprises tabs that are inserted in complementary openings of a lower edge included in the walls of the container, with said tabs stopping the label from coming off.

[0012] According to a second embodiment, the lower longitudinal edge of the cardholder, which in this case does not comprise tabs, rests on a lower edge included in the walls of the container, with said lower edge stopping the label from coming off.

[0013] According to a third embodiment, the lower longitudinal edge comprises a longitudinal rubber reinforcement that acts as a stop preventing the label from coming off, in this way allowing the cardholder to be placed at the desired height on the wall of the container.

BRIEF DESCRIPTION OF THE FIGURES

[0014] To complete the description and in order to give a better understanding of the characteristics of the invention, this specification is accompanied by a series of drawings that are an integral part of said specification, wherein, for illustration purposes and without limitation, the following has been represented:

Figure 1 shows, in elevation, a section of the plant according to section AA and a section of the profile according to section BB.

Figure 2 shows a profile view of the cardholder of the previous figure

Figure 3 shows the rear side of the cardholder.

Figure 4 shows the details of a section of the wall of the container with the cardholder coupled to it, according to section CC.

Figure 5 shows a detailed perspective view of the cardholder coupled to the container.

Figure 6 shows a front view of the cardholders coupled to the containers.

[0015] A list of the different components that have been represented in the figures and which are comprised in the invention is detailed below:

1. Cardholder.
2. Plastic frame.
3. Upper longitudinal edge of the cardholder.
4. Lower longitudinal edge of the cardholder.
5. Lateral edge of the cardholder.
6. Female projection.
7. Opening of the cardholder.
8. Slot of the opening.
9. Stop of the opening.
10. Protrusions of the rear side of the cardholder.
11. Sheet.
12. Lug of the container.
13. Wall of the container.
14. Screw.

15. Rear side of the cardholder.
16. Tabs.
17. Lower edge of the walls of the container.

DETAILED DESCRIPTION

[0016] The object of the present invention describes a new design of a cardholder (1) that is very easy and simple to couple to and decouple from the walls of a container.

[0017] The cardholder (1) for containers that is the invention is made of plastic, it has a rectangular perimeter and comprises an upper longitudinal edge (3), a lower longitudinal edge (4), and lateral edges (5), all of which surround and protect a frame (2), which comprises a transparent sheet (11) displaying the label inserted therein.

[0018] The upper longitudinal edge (3) comprises a trapezoidal opening (7) having a slope that increases from bottom to top that facilitates inserting the label, and the lateral edges (5) comprise female projections (6) that couple by means of pressure to lugs (12) included in the walls of the container (13).

[0019] In addition, the opening (7) comprises an anti-return stop element (9) for holding the label in place in case the container on which the cardholder (1) is mounted on is toppled. By simply resting the fingers on the stop element (9), said element opens and closes in a retractable way.

[0020] According to a first embodiment, figure 5 shows how the lower longitudinal edge (4) of the cardholder (1) comprises tabs (16) that are inserted in complementary openings of a lower edge (17) included in the walls of the container (13), with said tabs (16) stopping the label from coming off.

[0021] According to a second embodiment, the lower longitudinal edge (4) of the cardholder (1), which in this case does not comprise tabs (16), rests on the lower edge (17) of the walls of the container (13), with said lower edge (17) acting as a stop to prevent the label from coming off.

[0022] According to a third embodiment, the lower longitudinal edge (4) of the cardholder (1) comprises a longitudinal rubber reinforcement that acts as a stop for preventing the label from coming off, allowing the cardholder (1) to be placed at the desired height on the wall of the container (13).

[0023] According to a preferred embodiment, as shown in the figures, the frame (2) is rectangular and it is divided in three sections. However, the inner design of the frame (2) can have any other shape or design, such as a single section, two sections, a circular shape, a polygonal shape, etc.

[0024] As shown in the figures, the cardholder (1) is coupled by pressing it against one of the walls of the container (13). In order to do so, the lateral edges (5) comprise female projections (6) that are coupled by pressure fitting to lugs (12) comprised in the walls of the con-

tainer (13). Once the female projections (6) of the cardholder (1) have been fitted in said lugs (12), the cardholder (1) is fixed to said lugs (12) by means of screws (14). In this way, the cardholder (1) is perfectly secured, without being able to move, exerting a noticeable pressure on the wall of the container (13).

[0025] Since these means for fixing the cardholder (1) avoid the use of rivets, this guarantees that the products inside the container are not damaged by the heads of these rivets, which protrude from the inner walls of the container.

[0026] If the cardholder deteriorates with use (1), it is only necessary to remove the screws (14) from the lugs (12), decouple the female projections (6) from said lugs (12), and replace the cardholder (1) for a new one.

[0027] The front face of the frame (2) is flat while the rear face (15) comprises protrusions (10) that make it possible to hold the label more firmly, wedging it between the wall of the container (13) and the frame (2).

[0028] The present invention is not limited by the embodiment disclosed herein. Other embodiments can be made by persons skilled in the art in light of this description. In consequence, the scope of the invention is defined by the following claims.

Claims

1. Cardholder (1) for containers comprising:

- an upper longitudinal edge (3), a lower longitudinal edge (4), and lateral edges (5), all of which surround and protect a frame (2), wherein the frame (2) comprising a transparent sheet (11),

characterized in that the upper longitudinal edge (3) comprises a trapezoidal opening (7) having a slope that increases from bottom to top for inserting a label, and the lateral edges (5) comprise female projections (6) that couple to lugs (12) included in the walls of the container (13).

2. Cardholder (1) for containers according to claim 1, **characterized in that** it has a rectangular perimeter.

3. Cardholder (1) for containers according to claim 2, **characterized in that** the female projections (6) are coupled to the lugs (12) by pressure fitting.

4. Cardholder (1) for containers according to claim 3, **characterized in that** the opening (7) comprises an anti-return stop (9) for holding the label in place.

5. Cardholder (1) for containers according to claim 4, **characterized in that** the lower longitudinal edge (4) of the cardholder (1) comprises tabs (16) that are inserted in complementary openings of a lower edge

(17) included in the walls of the container (13).

6. Cardholder (1) for containers according to claim 4,
characterized in that the lower longitudinal edge
(4) of the cardholder (1) rests on a lower edge (17) 5
included in the walls of the container (13).
7. Cardholder (1) for containers according to claim 4,
characterized in that the lower longitudinal edge
(4) of the cardholder (1) comprises a longitudinal rub- 10
ber reinforcement that acts as a stop to prevent the
label from coming off.
8. Cardholder (1) for containers according to claim 1,
characterized in that it is manufactured using plas- 15
tic materials.
9. Cardholder (1) for containers according to claim 1,
characterized in that the frame (2) is rectangular 20
and it is divided in three sections.
10. Cardholder (1) for containers according to claim 1,
characterized in that it is fixed to the lugs (12) of
the container by means of screws (14). 25
11. Cardholder (1) for containers according to claim 1,
characterized in that a rear face (15) of the frame
(2) comprises protrusions (10) that press the label
against the wall of the container (13). 30

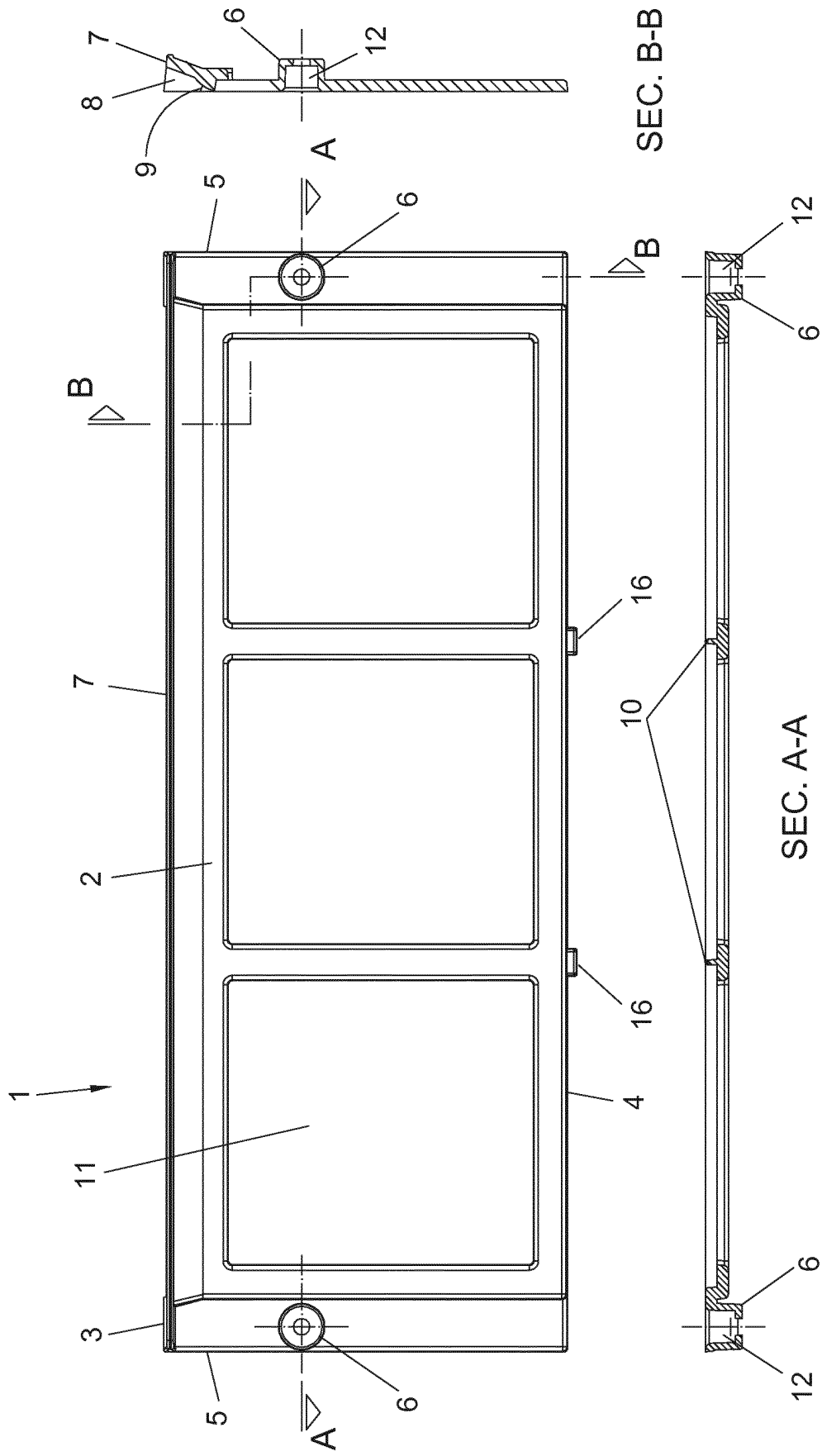
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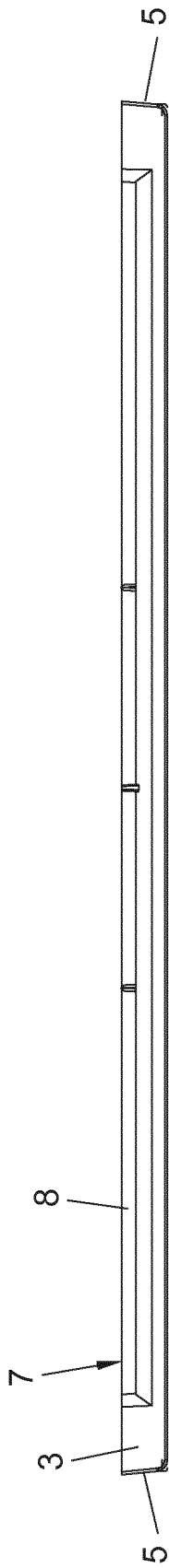


FIG. 2

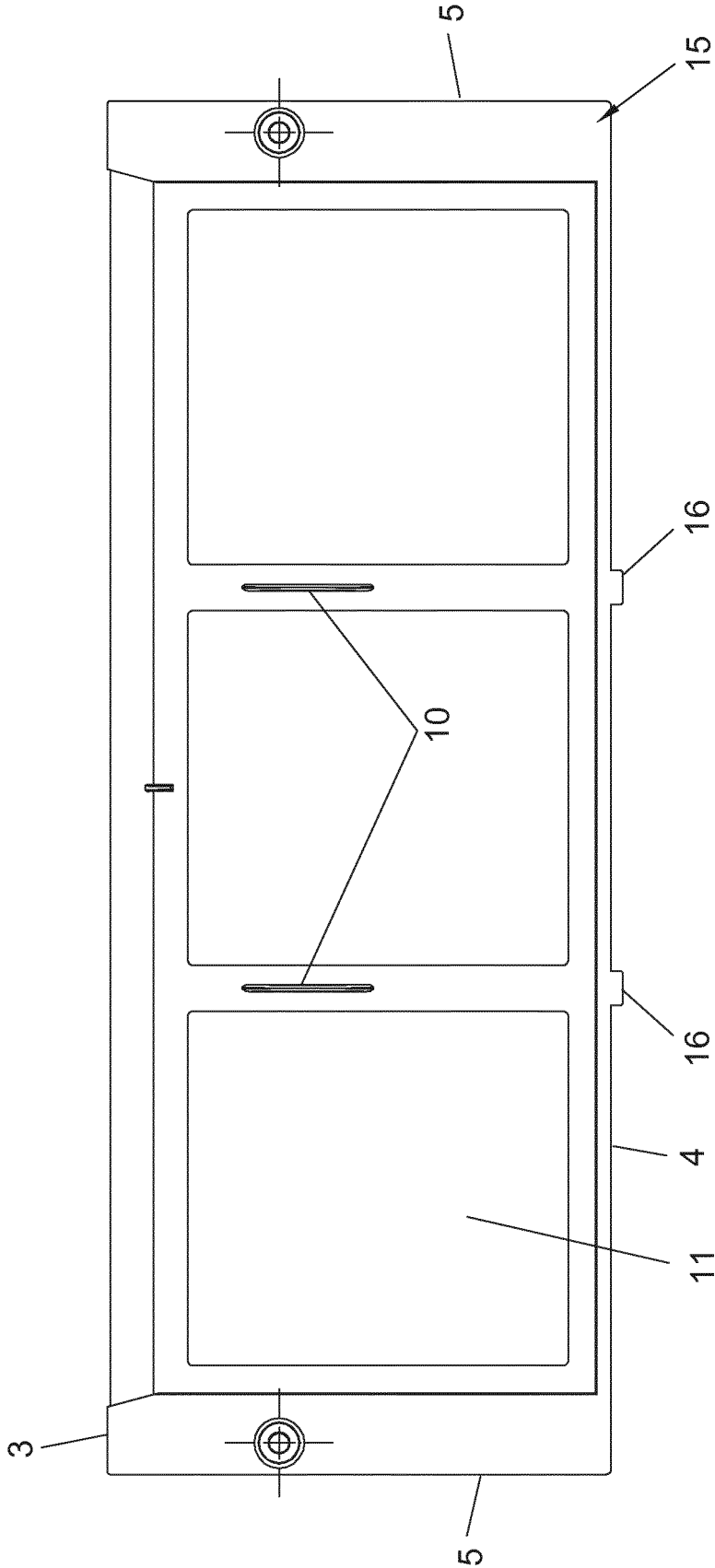


FIG. 3

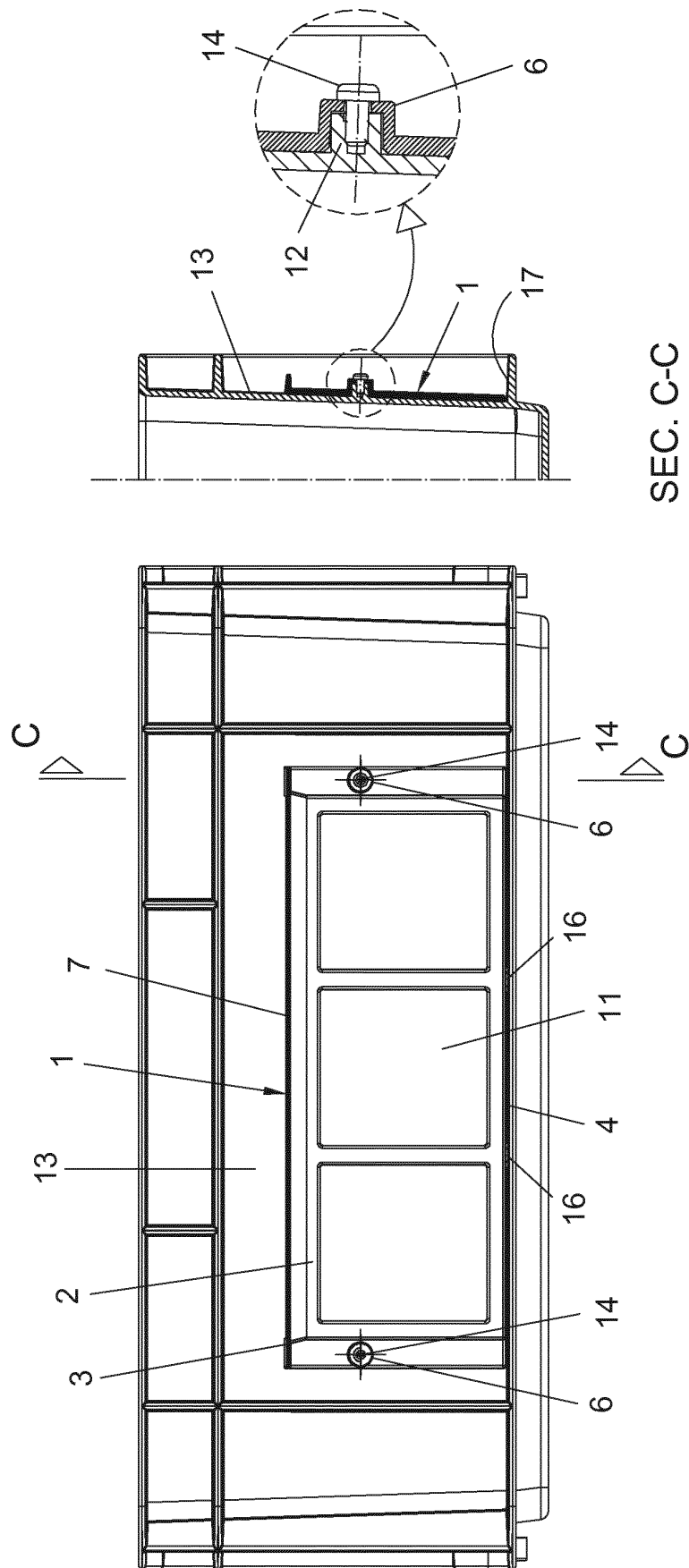


FIG. 4

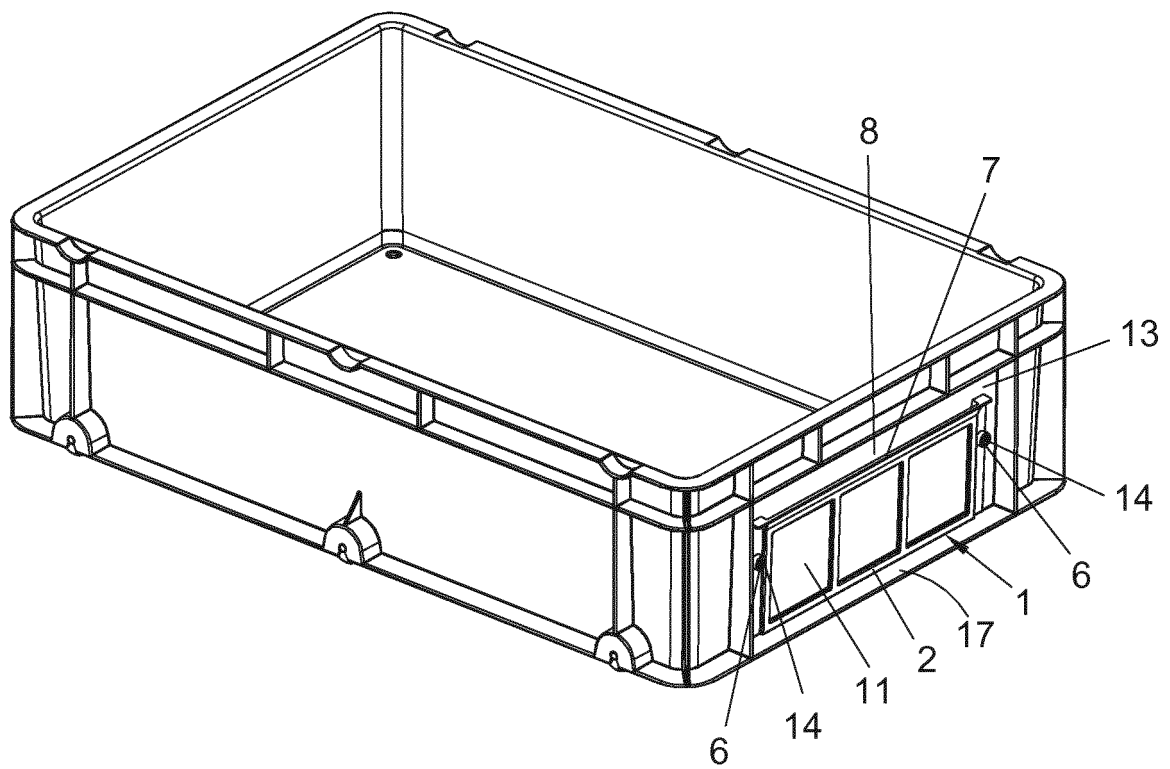


FIG. 5

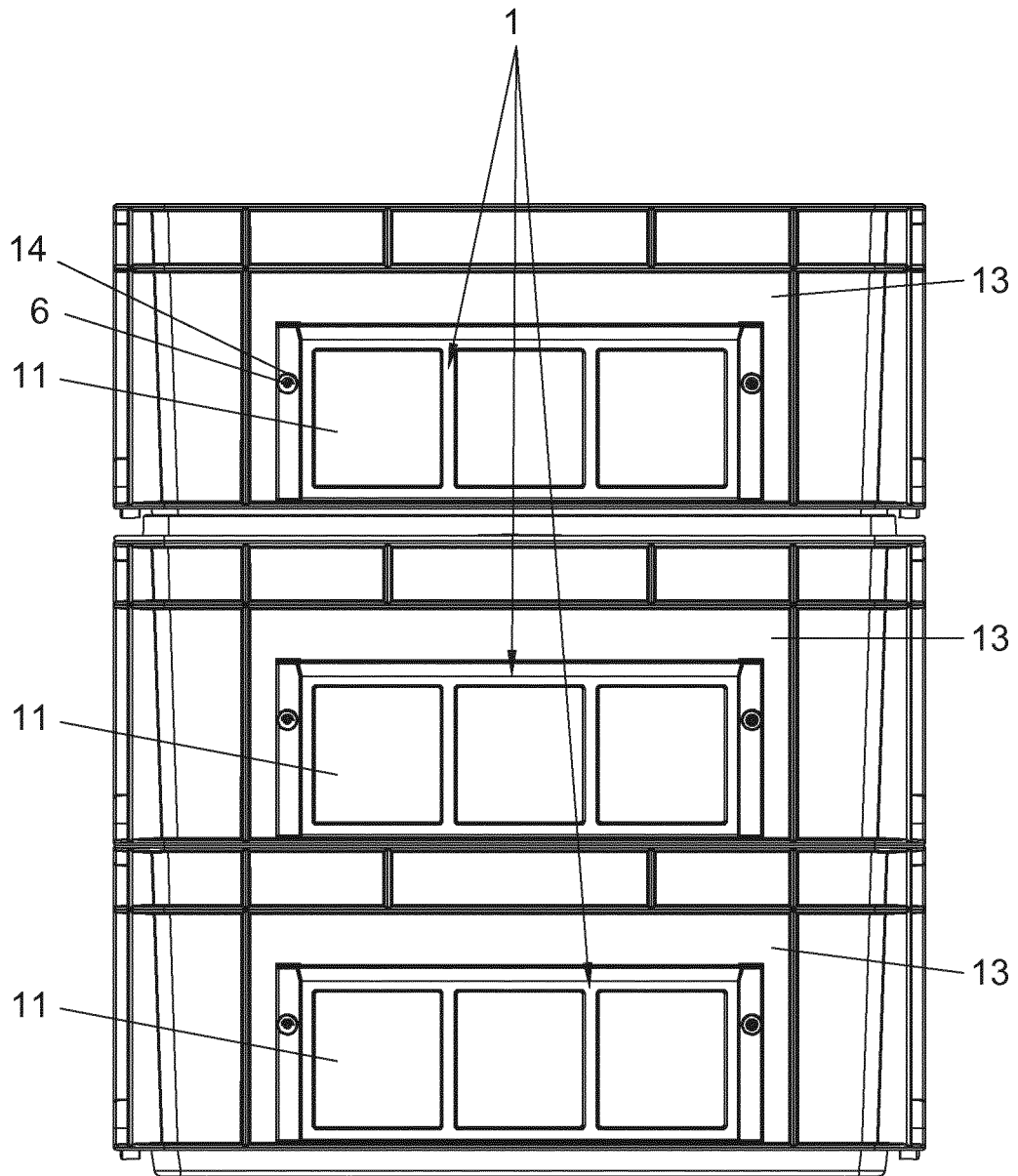


FIG. 6

INTERNATIONAL SEARCH REPORT

International application No.
PCT/ES2016/070176

A. CLASSIFICATION OF SUBJECT MATTER

B65D25/20 (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)

B65D

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	EP 1997742 A2 (REHRIG PACIFIC CO) 03/12/2008, paragraphs[0010 - 0012]; paragraphs[0019 - 0020]; figures 16 - 19.	1-3, 8-11
Y		4-7
Y	US 3529795 A (NIEL CLARENCE R VAN) 22/09/1970, column 3, lines 69 - 75; column 4, lines 1 - 2; figures 2 - 3.	4-7
A	US 7131224 B1 (ELLIOTT RONALD C ET AL.) 07/11/2006, the whole document.	1-11
A	EP 0950615 A1 (UNI CHARME CORP ET AL.) 20/10/1999, the whole document.	1-11

☐ Further documents are listed in the continuation of Box C.

☒ 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 documents, such combination being obvious to a person skilled in the art

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Date of the actual completion of the international search
10/06/2016

Date of mailing of the international search report
(13/06/2016)

Name and mailing address of the ISA/

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Form PCT/ISA/210 (second sheet) (January 2015)

EP 3 290 348 A1

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ES2016/070176

Information on patent family members

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Form PCT/ISA/210 (patent family annex) (January 2015)