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(54) **Handle for demijohn neck**

(57) The object of the present invention is a handle for a demijohn neck of those which use a faucet cap, although it can be used in demijohns with any type of cap, where due to the presence of some means of rupture of the ring which is lodged on the neck of the demijohn,

the handle can be released when it is no longer necessary to make use of it, because the location of these means of rupture facilitates the quick removal of the handle from the neck of the demijohn when it is desired to place said demijohn in a horizontal position for delivery of the liquid contained in its interior.

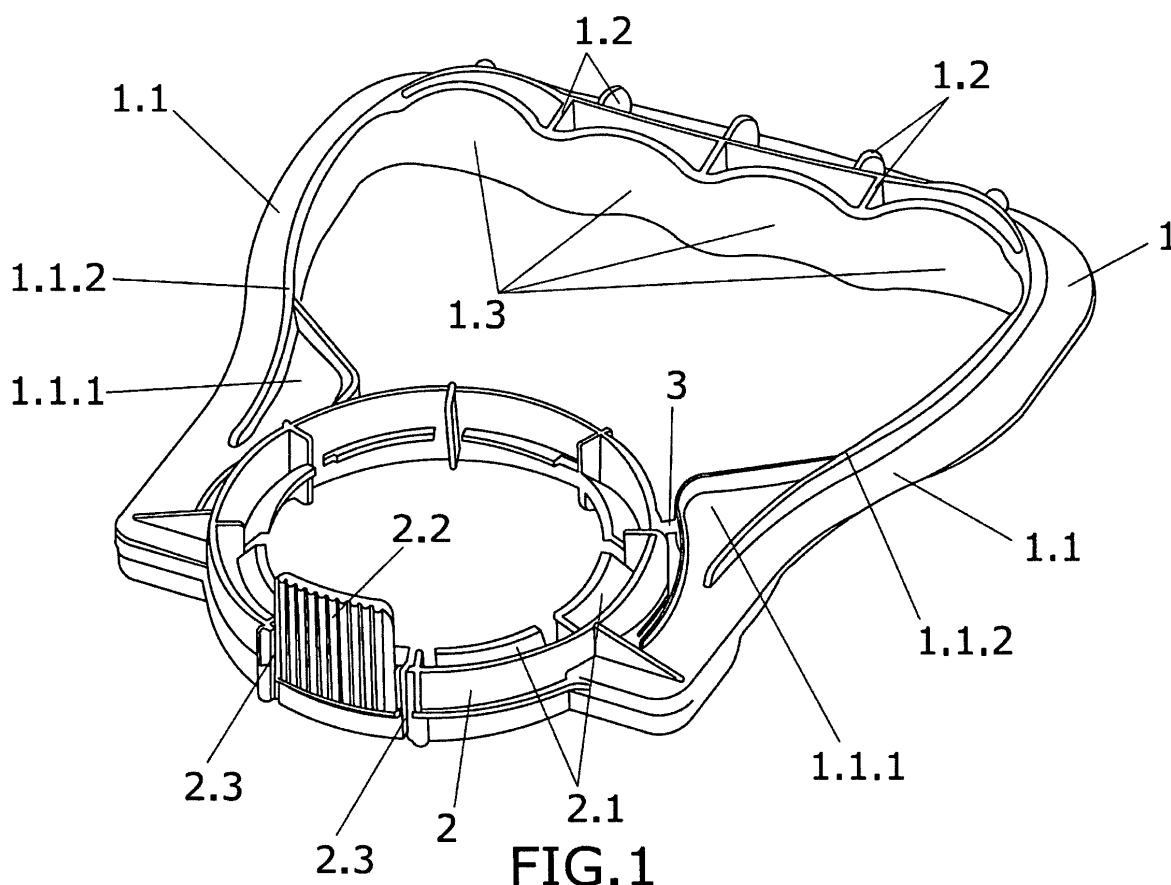


FIG.1

Description

OBJECT OF THE INVENTION

[0001] The object of the present invention is a handle for a demijohn neck of those which use a faucet cap although it can be used in demijohns with any type of cap, as well as other types of container for liquids of among the means of gripping for containers.

[0002] The invention is characterized in the special configuration of the handle for demijohn neck due to the presence of some means of rupturing the ring which is lodged on the neck of the demijohn, to be able to release the latter when it is no longer necessary to make use of the same.

[0003] The location of these means of rupture facilitates the quick removal of the handle from the neck of the demijohn when it is desired to place said demijohn in a horizontal position for delivery of the liquid contained in its interior.

BACKGROUND OF THE INVENTION

[0004] Handles for the necks of demijohns are very well known in the state of the art which are independent of the demijohn or recipient itself since they are used in those which for their determined dimensions require one, so as to allow transport and manipulation to be carried out easily.

[0005] Among the aforesaid is found the international application with publication number W09711893 relating to a handle for carrying bottles which allows the bottle to be transported with ease and in a vertical position so that it is not possible to dismantle the handle in whatever way.

[0006] Likewise, the document is known with publication number ES1058549U with respect to a handle for demijohn which has a secondary handle for pulling which is prolonged in a platelet connecting the secondary handle to the ring which is coupled to the neck of the bottle, the connection of the platelet to the ring being carried out next to a weakened line.

[0007] In the handle of the preceding document, a great quantity of additional material is necessary to conform the handle due to the presence of the secondary handle, with the ensuing complexity in the mold which increases the unit price of each handle.

[0008] Also, both the access to the secondary handle and its manipulation are complicated due to the reduced space which is left between the actual handle and the ring.

[0009] All these drawbacks are overcome by means of the invention which is disclosed below.

DESCRIPTION OF THE INVENTION

[0010] The present invention relates to a handle for demijohn neck of those which use a faucet cap, although it can be used in demijohns with any type of cap, as well

as other types of containers for liquids of among the means of gripping for containers.

[0011] The handle for demijohn neck forms a single piece with a ring which has on its interior a series of oblique flukes which grip the neck of the container, so that the handle cannot come off accidentally whilst the container is being transported.

[0012] When the container has been transported to the place in which use will be made of the liquid contained in the same, be it in the refrigerator in the horizontal position or on a stand in the inverted position, by means of a faucet cap or similar, it is no longer necessary to make use of the handle, which is in the way when seeking access to the cap.

[0013] In this regard, the handle for demijohn neck has a rupture tab which emerges perpendicular to the plane of the ring, and is joined to this by means of at least one weakened line on one of its sides.

[0014] When the use of the handle is no longer necessary, a force is applied on the rupture tab so that the ring is broken along the weakened line or lines, it being possible to remove the handle from the container.

[0015] In addition, the handle has means to assure the perfect coplanarity of the actual handle with the ring when the demolding takes place, for its correct linkage with the container which is carried out automatically.

[0016] It also has some stiffening ribs in the gripping area, it being possible that said gripping area be anatomical in form for housing the fingers of the hand.

[0017] In the area of linkage to the ring, the handle has a broadening, as well as a rim which is forked in said area to increase its stiffness.

DESCRIPTION OF THE DRAWINGS

[0018] The present descriptive specification is completed with a set of drawings, which illustrate but do not restrict the preferred embodiment of the invention.

Figure 1 shows a view in perspective of the handle for demijohn object of the invention.

PREFERRED EMBODIMENT OF THE INVENTION

[0019] In the light of the foregoing, the present invention relates to a handle for demijohn neck which has the possibility of being separated from the demijohn when it is no longer necessary to make use of the same.

[0020] The handle has a body (1) in form of a "U" joined by its rims (1.1) to a ring (2) with a number of oblique flukes (2.1) on its interior, for gripping the neck of the demijohn, so that the handle cannot detach accidentally whilst the demijohn is in transport.

[0021] In the ring (2) there is a tab (2.2) for rupture which emerges perpendicular to the plane of the ring (2), which in this first example of preferred embodiment is joined to the aforementioned ring (2) by means of a weakened line (2.3) located in one of its sides so that when

the use of the handle is no longer necessary, a force can be applied on the tab (2.2) for rupture so that the ring (2) is broken along the weakened line (2.3), making it possible to remove the handle from the demijohn.

[0022] The handle also has breakable links (3) which are joined to a broadening (1.1.1) of the rims (1.1) of the U-shaped body (1) which assure its coplanarity with the ring (2) when the demolding takes place, for its correct attachment to the demijohn and where said breakable links (3) are broken on grasping the demijohn by the handle.

[0023] Also, the rims (1.1) of the U-shaped body (1) have an edge (1.1.2) which is forked in the broadening (1.1.1) in order to enhance the overall stiffness of the assembly.

[0024] It also has some ribs (1.2) for stiffening in the area for gripping the handle, it being possible that said area for gripping have an anatomical profile (1.3) for housing the fingers of the hand.

[0025] In a second example of preferred embodiment the tab (2.2) for rupture is joined to the ring (2) by means of two weakened lines (2.3) located one on each side of the tab (2.2) for rupture, so that when the use of the handle is no longer necessary, a force can be applied on the tab (2.2) for rupture so that the ring (2) is broken along the weakened line (2.3) which has a lower rupture strength, it being possible to remove the handle from the demijohn.

[0026] The essential nature of this invention is not altered by variations in materials, form, size and arrangement of the component elements, described in a non-restrictive manner, this being sufficient for an expert to proceed to the reproduction thereof.

Claims

1. - Handle for demijohn neck which has a U-shaped body (1) joined by its rims (1.1) to a ring (2) with a number of flukes (2.1) for gripping the neck of the demijohn **characterized in that** the ring (2) has a tab (2.2) for rupture which emerges perpendicularly to the plane of the ring (2) and which is joined to it (2), by means of at least one weakened line (2.3), so that when the use of the handle is no longer necessary, a force can be applied on the tab (2.2) for rupture so that the ring (2) is broken along a weakened line (2.3), it being possible to remove the handle from the demijohn.
2. - Handle for demijohn neck according to claim 1 **characterized in that** the handle has breakable links (3) which are joined to a broadening (1.1.1) of the rims (1.1) of the U-shaped body (1), to assure the coplanarity with the ring (2) in the demolding.
3. - Handle for demijohn neck according to claim 1 **characterized in that** the rims (1.1) of the U-shaped

body (1) have an edge (1.1.2) which is forked in the broadening (1.1.1).

4. - Handle for demijohn neck according to claim 1 **characterized in that** the U-shaped body (1) has some ribs (1.2) for stiffening in the area of gripping the handle.
5. - Handle for demijohn neck according to claim 1 **characterized in that** the U-shaped body (1) has an anatomical profile (1.3) for housing the fingers of the hand in the area for gripping the handle.
6. - Handle for demijohn neck according to claims 1 to 5 **characterized in that** the tab (2.2) for rupture which emerges perpendicular to the plane of the ring (2) is joined by means of a weakened line (2.3) to the ring (2).
7. - Handle for demijohn neck according to claims 1 to 5 **characterized in that** the tab (2.2) for rupture which emerges perpendicular to the plane of the ring (2) is joined by means of two weakened lines (2.3) to the ring (2).

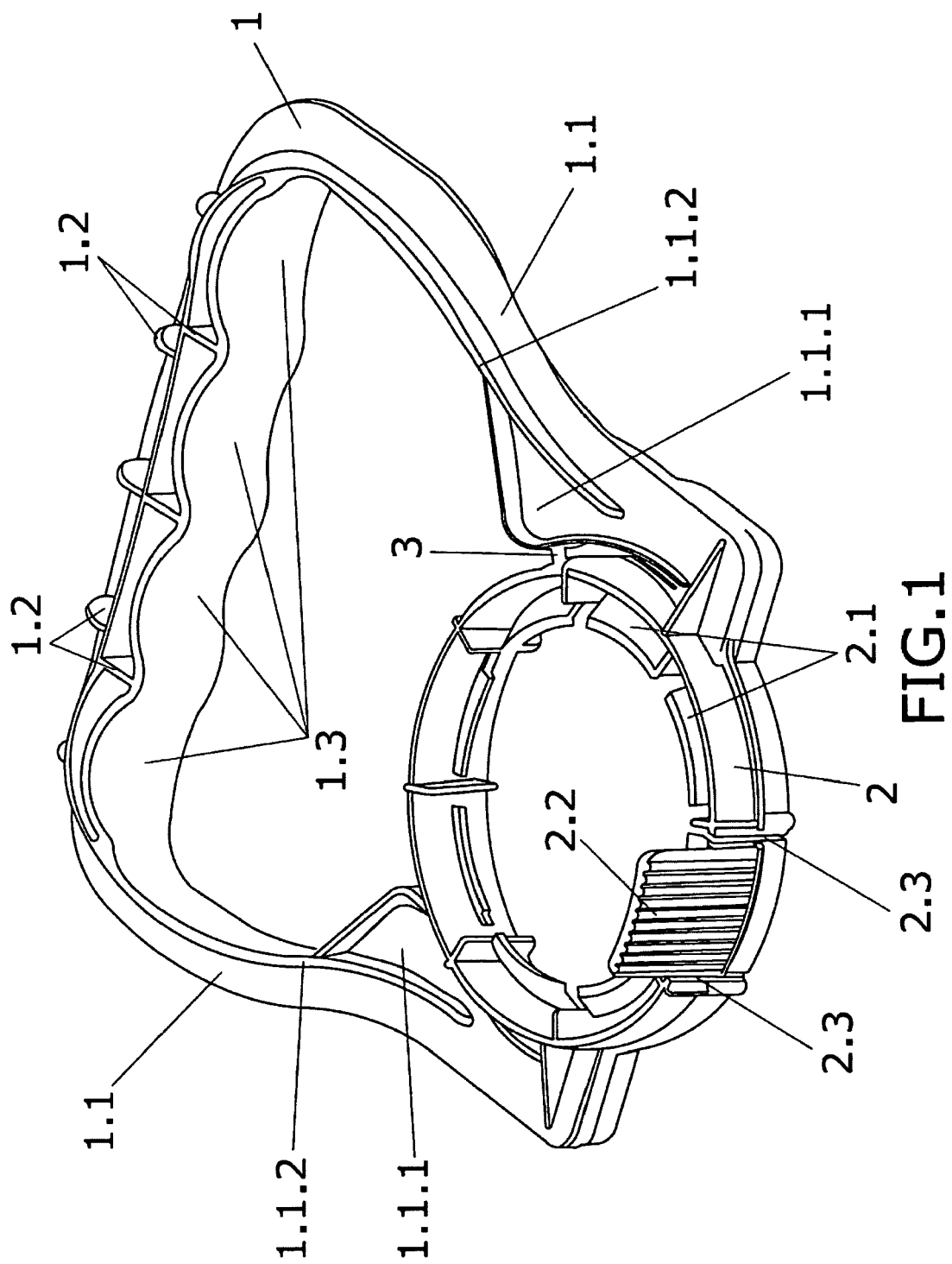
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EUROPEAN SEARCH REPORT

Application Number
EP 05 38 1064

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 30 May 2006	Examiner Jagusiak, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 05 38 1064

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
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30-05-2006

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