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(72) Inventor: **Johansen, Bent Georg**  
**7000 Fredericia (DK)**

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(57) The principle of operation in the invention is partly to give a wine bag-in-box a position in a suitable level above the tabletop to allow a wine glass to be moved under the tap valve to be filled and partly give space to contain a wine bag-in-box in the cavity for transport and

comfortable storing as one unit.

The function of the invention is obtained by having a seat (1) for the wine bag-in-box fixed in a standard turning about an axis (6). The seat (1) is able to turn from the lowest store position and up to the drawing position.

A technical drawing of a mechanical assembly, likely a door or window frame, shown in a cross-sectional view. The drawing includes several numbered callouts (1 through 12) pointing to specific components. The assembly consists of a main frame (1) with a hinged door (2) and a locking mechanism (3). A handle (4) is attached to the door. The door is shown in an open position, indicated by dashed lines. The frame is mounted on a wall (5) and includes a hinge (6) and a locking pin (7). A seal (8) is located at the bottom of the door. The drawing also shows a hinge (9) and a locking pin (10) at the bottom of the frame. A handle (11) is attached to the frame. A seal (12) is located at the bottom of the frame. The drawing is a technical illustration of a mechanical assembly, likely a door or window frame, showing various components and their assembly.

## Description

[0001] One form of embodiment is described on drawings fig. 1, 2, 3 and 4. Referring to claim no. 1 for the invention the form of embodiment can consist of a seat (1) with an inside dimension from the outer measure of the wine bag-in-box. The seat (1) has an end plate (2) giving support to the wine bag-in-box while it becomes raised or lowered. A locking system referring to claim no. 2 is shown as lock pawls (3) with a release handle (4) fitted on the endplate (2). The lock pawls are activated by a spring (5).

[0002] The seat (1) is suspended in axle journals (6) so the seat can move the wine bag-in-box from up standing and down to laying position. The seat (1) is mounted in standard consisting of the side plates (7) and (8) being kept together by the spacing piece (9). Between the side plates (7) and (8) referring to claim no. 3, a drip catcher plate (10) can be mounted with axle journal (11). The drip catcher plate, referring to claim no. 4, can be arranged to keep a moisture absorbing body (12).

[0003] On the outside of the side plates (7) and (8) referring to claim no. 5, bearings (13) can be mounted in which handles (14) are mounted making it possible to transport the standard including a wine bag-in-box by one hand.

## PRIOR ART

Background of the invention.

[0004] The invention comprises a standard for a wine bag-in-box.

[0005] The invention is made to make it easy and safe to tap vine from a wine bag-in-box, which from the beginning can have a weight of 3 kg or more.

[0006] Up to now wine has been distributed in wine bottles made from glass. A type of wine bag-in-box has now been invented for sale of wine in a quantity of 3 litres or more. This method with wine in an oxygen impenetrable plastic bag with a draw valve in a cardboard box is a conquest, because the consumer by this system can get his demanded quantity of wine drawn without giving inlet to an equal volume of atmosphere into the said bag.

[0007] It is however a difficult duty to handle a 3-litre bag-in-box, because in full condition it has a weight of approximately 3 kg.

[0008] To handle the wine bag-in-box for drawing a glass of wine it is necessary to hold the weight of the wine bag-in-box in the one hand and operate the draw valve with the other.

[0009] Of course you can dispense the volume of wine you expect to consume into a decanter and afterwards fill the wine glasses. Using this procedure you are going to loose the advantage with only tapping the volume that gets drunk. At the same time you get an anonymous wine on the table, and you will loose the often very informative and good looking print on the cardboard box having an

informative code for the present type of wine.

[0010] Of course you can place the wine bag-in-box on the table top with the tap valve jutting out from the edge of the table top and this way hold a glass beneath the tap and fill up the wanted amount of wine. The operator will at this procedure have to move his chair out from his sitting position to be able to operate the tap. This method causes the risk of spilling wine on the floor, if the valve is a bit leaking or not safely operated. The result will be stains on the flooring.

[0011] This invention will make it comfortable to use the wine bag-in-box, while the wine consumer is sitting at his table. If the wine consumer sitting at the table wishes to tap vine into a glass, the wine bag-in-box must be elevated to a practical level over the tabletop.

[0012] The present invention has the purpose to bring the wine bag-in-box up to a necessary level over the tabletop to make it possible to keep a glass under the tap to fill the wanted amount of wine.

[0013] A known version forms a standard that consists of a tube with an intermediate bottom placed at short distance from one end of the tube. The wine bag-in-box can be placed on the intermediate bottom to obtain a position in a suitable height to allow a wineglass be kept under the wine tap and filled.

[0014] The tube formed standard can after the wine tapping is finished be turned upside down and provide space inside to the wine bag-in-box for store as one unit until next time you want a glass of wine.

[0015] The new feature that is obtained by this invention is unlike other types of standards for wine bag-in-boxes that you can raise and lower the wine bag-in-box from the store position and up to the tapping position, while the standard is standing at the tabletop.

[0016] When you use a standard where the wine bag-in-box can be raised and lowered while it is fitted in its seat you get the advantage that the operator does not have to support the wine bag-in-box by one hand while the standard was turned upside down to change from tapping position to store position and in the same way afterwards back again.

## Claims

1. Wine bag-in-box standard, which consists of two vertical side plates (7) and (8) being kept together by one or more spacing pieces (9) and a moveable seat (1), which is placed between said side plates, the seat has an inside dimension that fits the outer measure of the wine bag-in-box, where the seat is provided with an endplate (2) **characterized in that** the seat is hung up on some axle journals (6) said axle journals are asymmetrically located in relation to the symmetric axis of the wine bag-in-box.
2. Wine bag-in-box standard referring to claim no. 1 **characterized in that** a lock system consists in lock

pawls (3) with release handle (4) and spring (5).

3. Wine bag-in-box standard referring to claim no. 1-2  
**characterized in that** the standard has a drip catcher plate (10) mounted on an axle journal (11).

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4. Wine bag-in-box standard referring to claim no. 3  
**characterized in that** the drip catcher plate can hold a humidity absorbing body (12).

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5. Wine bag-in-box standard referring to claim no. 1-4  
**characterized in that** the standard is provided with a handle (14).

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Fig. 1/4

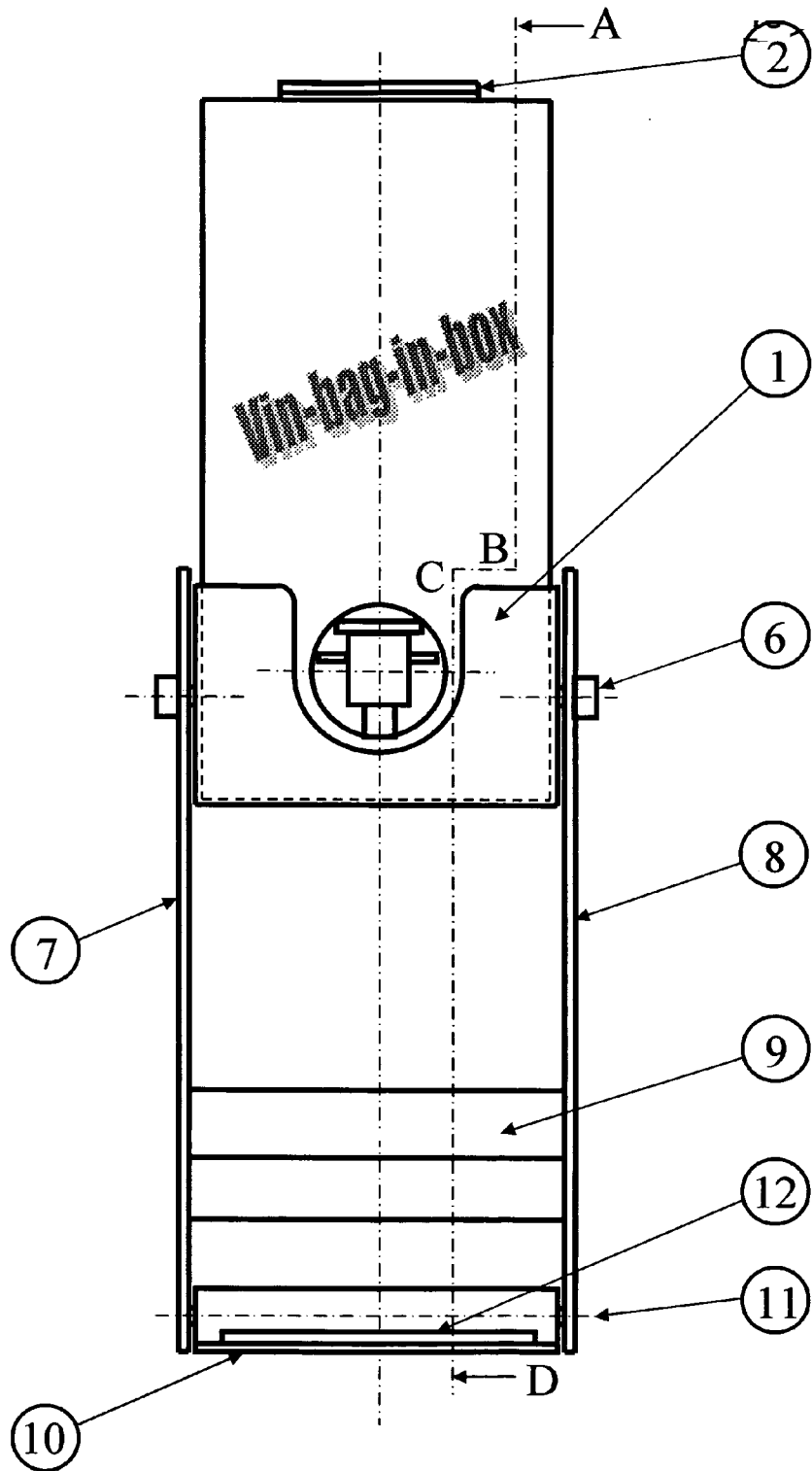


Fig. 2/4

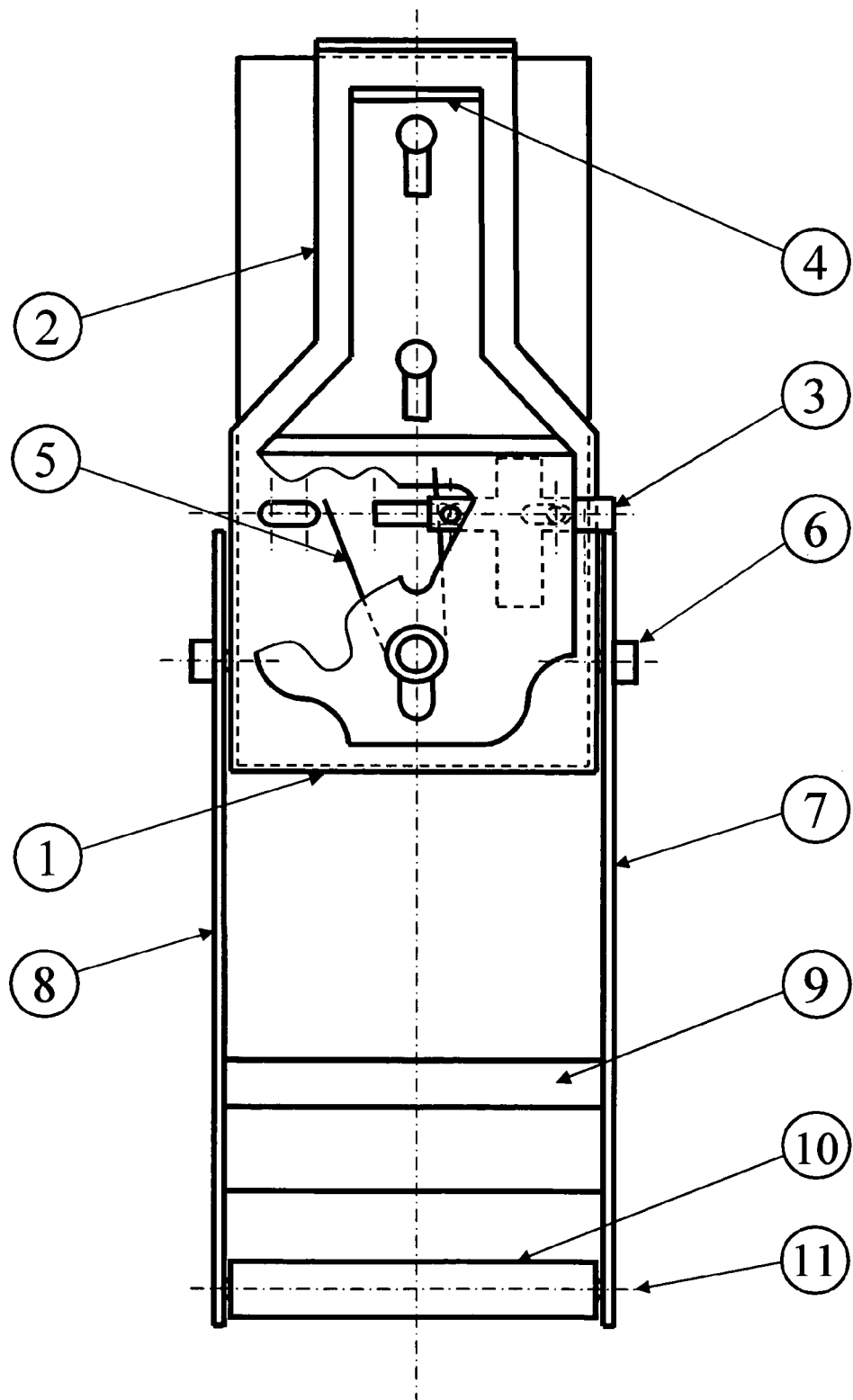


FIG. 3/4

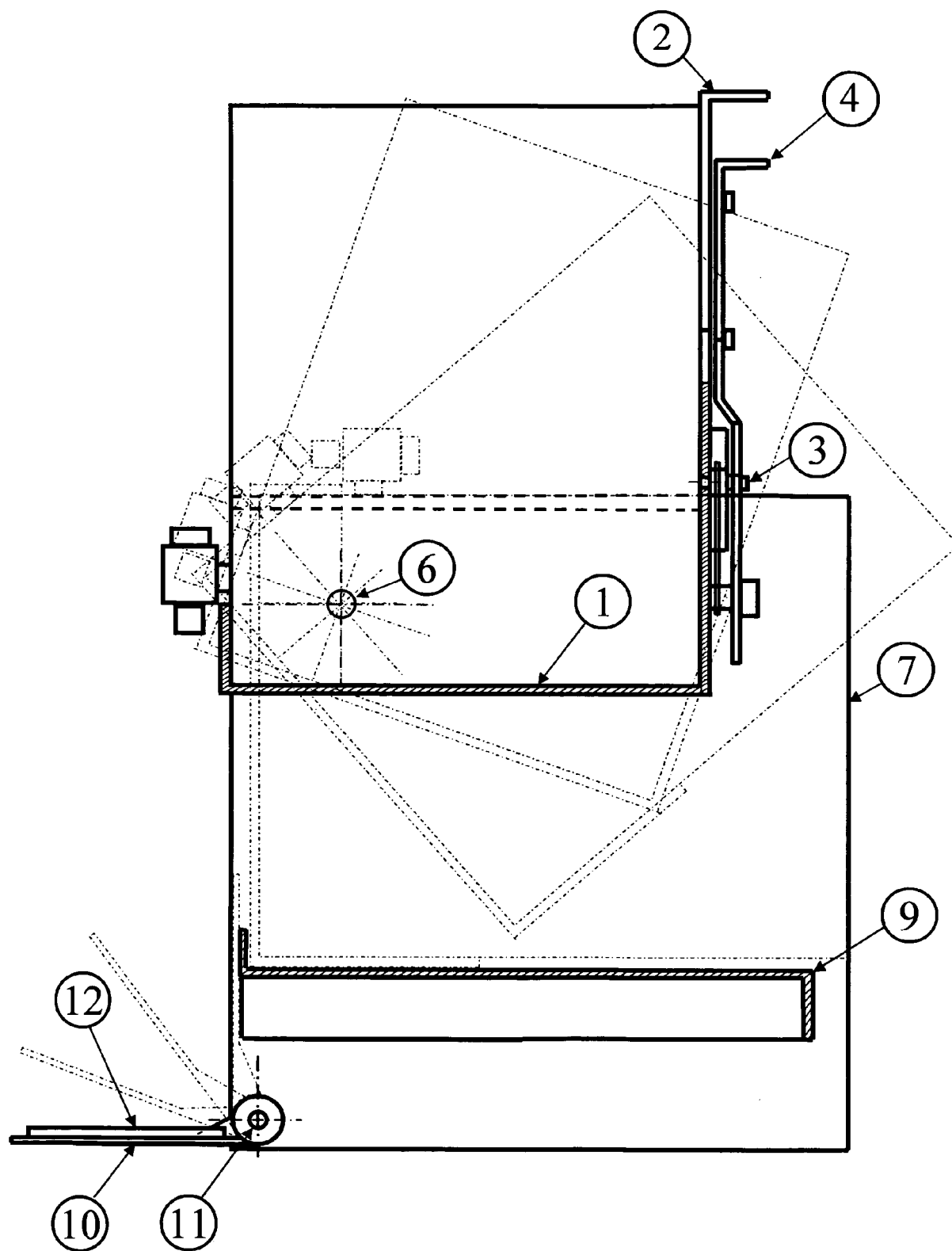
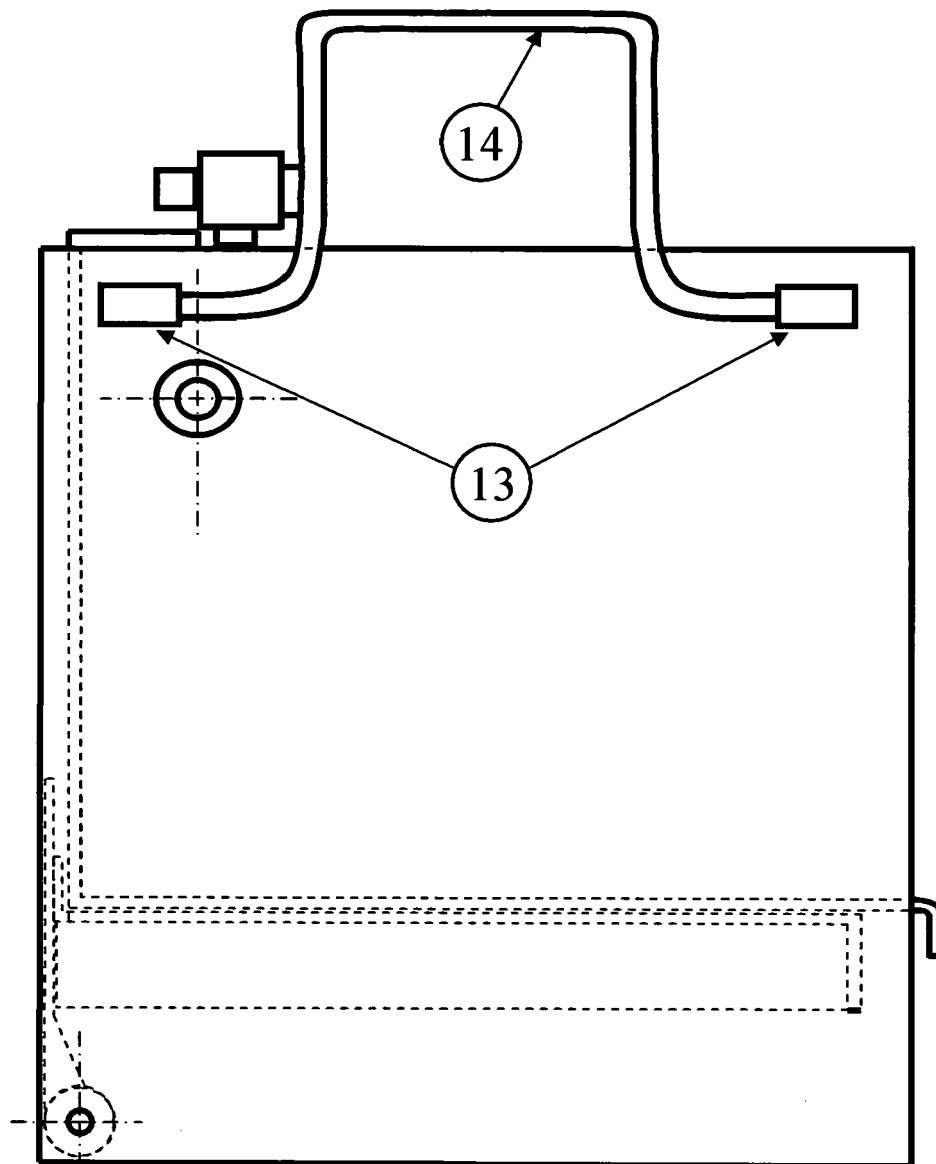


Fig. 4/4





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 07 38 8089

| 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   | WO 02/30807 A (M. BEDARD)<br>18 April 2002 (2002-04-18)<br>* page 10, line 13 - page 11, line 7 *<br>* figures 6-8 *         | 1,5                              | INV.<br>B67D3/00                        |
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|   |  |                                  | B67D<br>A47G<br>B65G                    |
| Place of search   |  | Date of completion of the search | Examiner                                |
| The Hague   |  | 18 March 2008                    | Smolders, Rob                           |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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/>&amp; : member of the same patent family, corresponding document</p> |  |                                  |   |

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EPO FORM 1503 03.82 (P04C01)



**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 07 38 8089

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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18-03-2008

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