



(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
21.03.2012 Bulletin 2012/12

(51) Int Cl.:
B65D 81/05 (2006.01) B65D 13/00 (2006.01)

(21) Application number: **11174011.4**

(22) Date of filing: **14.07.2011**

(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

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(30) Priority: **03.08.2010 TR 201006419**

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(54) **Transportation package**

(57) The transportation package (A) of this invention comprises at least one elastic protective member (1) placed to the exterior of an item (5) to be transported and at least one support member (2) fastened to the protective member (1). The package (A) is further provided with

at least one recess (3), into which said support member (2) is placed, as well as at least one elastic rib (4), jamming said support member (2) in the recess (3). The support member (2) is preferably inserted to two recesses (3), each provided on one of two separate protective members (1) in the package (A).

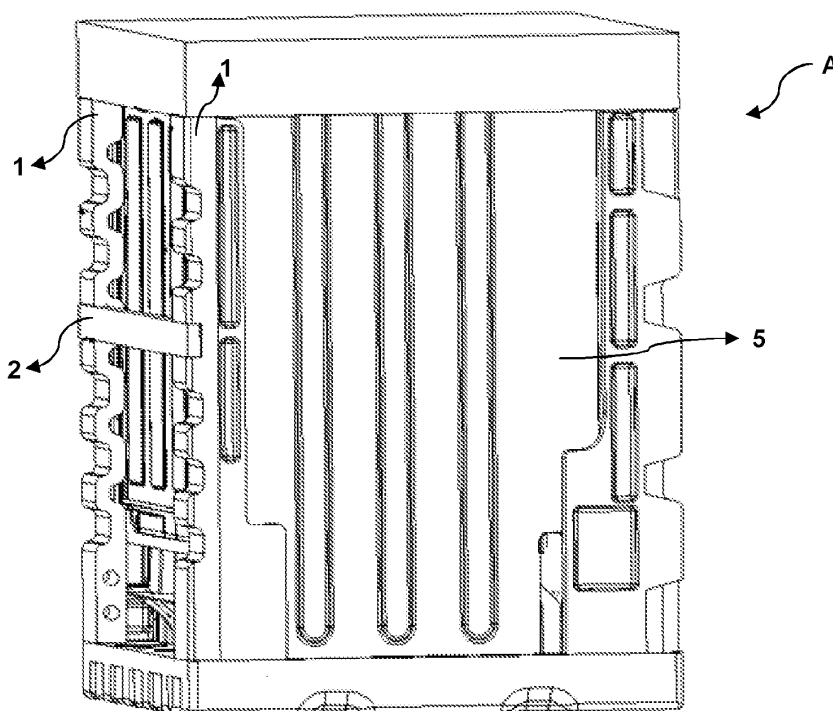


Figure – 1

Description

Technical Field

[0001] This invention relates to transportation packages, developed for the safe transportation of appliances particularly.

Prior Art

[0002] The safe transportation of products is a significant point particularly for the manufacturers. There are various transportation packages developed by manufacturers, keeping e.g. the electrical house appliances unaffected against any loads and jams during transportation or stacking.

[0003] In the published patent application EP0457118, for instance, is disclosed a transport package for a household appliance, comprising components protecting the corners of an appliance and crossbars used between said components. Said crossbars, in turn, are mounted to said packaging assembly by means of fasteners.

Brief Description of Invention

[0004] In the transportation package according to the present invention, in turn, support members are fastened to elastic protective members without using any auxiliary fastening pieces by making use of the elasticity, or the deformability feature of ribs provided on the protective member.

[0005] The transportation package according to the present invention comprises at least one elastic protective member placed to the exterior of an item to be transported and at least one support member fastened to the protective member. The package is further provided with at least one recess, into which said support member is placed, as well as at least one elastic rib, jamming the support member in the recess. The support member is preferably inserted to two recesses, each provided on one of two separate protective members in the package.

Objective of Invention

[0006] The aim of this invention is to provide a transportation package.

[0007] Another aim of this invention is to provide a reliable transportation package, which can be easily and inexpensively produced and assembled.

Description of Figures

[0008] An illustrative embodiment of the subject transportation package is illustrated in annexed figures briefly described hereunder.

Figure 1 is a perspective view of a transportation package according to the present invention.

Figure 2 is a perspective view of a section of the transportation package.

[0009] The parts in said figures are individually numbered as following.

transportation package (A)

protective member (1)

support member (2)

recess (3)

10 rib (4)

item (5)

Description of Invention

15 [0010] Figures 1 and 2 provide different perspective views of a representative transportation package (A) according to the present invention. The transportation package (A) is developed for a household appliance (5) in this exemplary instance, but can be developed for other items as well.

20 [0011] The transportation package (A) comprises at least one protective member (1) located at the exterior of an item (5) to be transported to keep the item unaffected against various loads or impacts to emerge, as well as at least one support member (2) to be fastened to the protective member (1). The protective element (1) is made particularly from an elastic material (e.g. Styro-
25 foam).

30 [0012] At least one recess (3) is provided on said at least one protective member (1) to accommodate said support member (2) in the transportation package (A). Once a support member (2) is fastened to two recesses (3), each provided on one of two separate protective members (1) (it being possible to fasten one support member (2) to one protective member (1) as well), both
35 a coupling is provided between two protective elements (1), and the transportation package (A) is rendered more robust.

40 [0013] In order to insert the support member (2) into the recess (3) and to keep it stable there, at least one rib (4) is provided in the recess (3) keeping the support member (3) in a jammed state in the recess (3). As the support member (2) is inserted into the recess (3), it is pushed into the recess under the friction effect (4) of the ribs. Since the protective element (1) is elastic, the ribs (4) are spread as the support member (2) is inserted into the recess (3) to jam the support member (2) within the recess (3). Thus, the protective members (1) and so the transportation package (A) are rendered more stable and robust. The transportation package (A), together with the item (5), are then subjected to other packaging operations (e.g. to bagging and boxing operations).

50 [0014] Thanks to this invention, it becomes possible to fasten a support member (2) to a protective member (1) in an easy and inexpensive manner, without requiring the use of any auxiliary element such as a separate connection piece, tape, etc., on the support member (2).

Claims

1. A transportation package (A) comprising at least one elastic protective member (1) placed to the exterior of an item (5) to be transported, as well as at least one support member (2) fastened to the protective member (1), **characterized in that** said protective member (1) is provided with at least one recess (3) into which the support member (2) is placed, as well as at least one elastic rib (4) in said recess (3), jamming the support member (2) within the recess (3).
2. The transportation package (A) according to Claim 1, **characterized in that** said support member (2) is placed to two recesses (3), each provided on one of two separate protective members (1).

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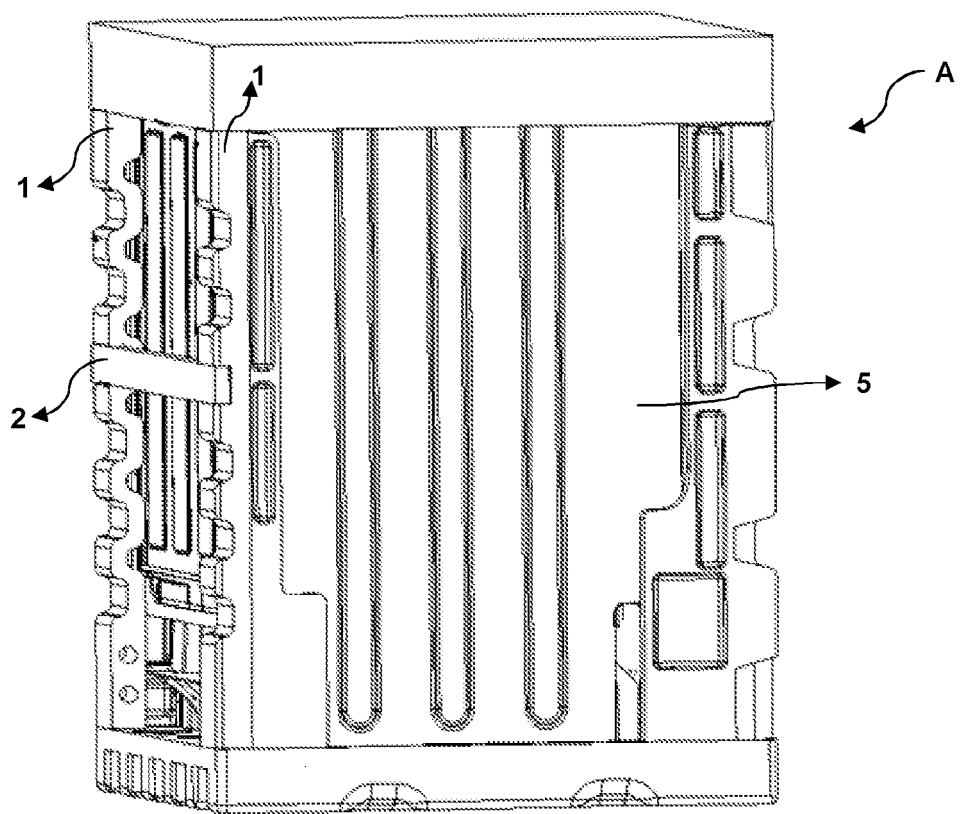


Figure - 1

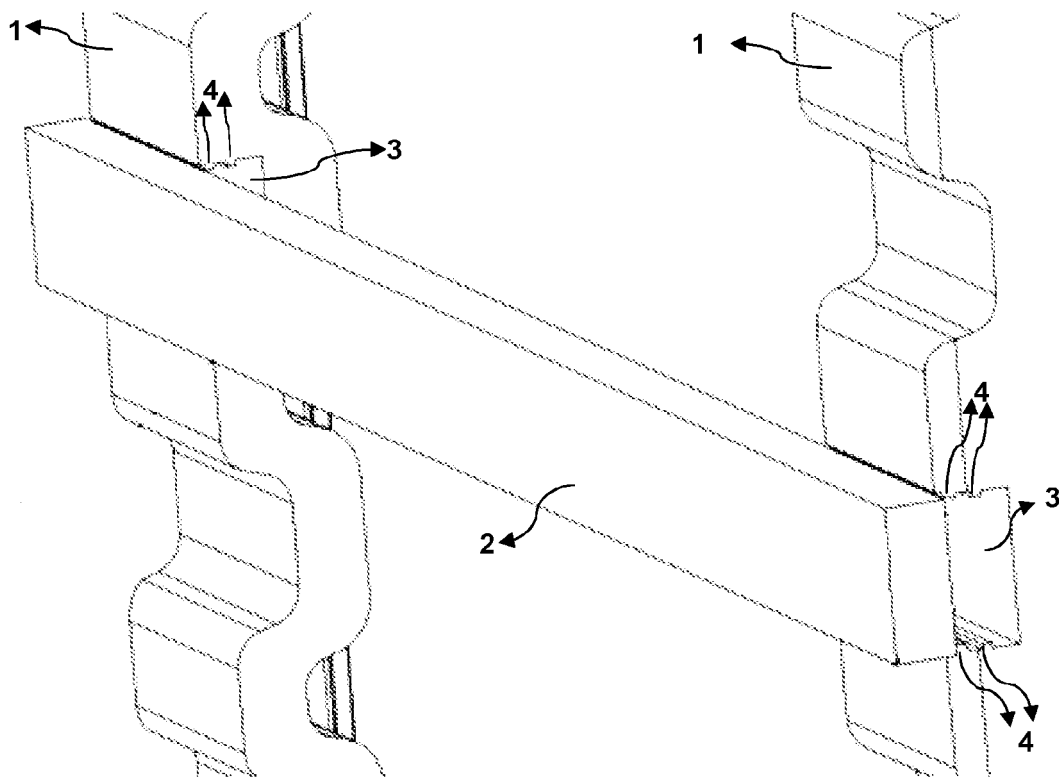


Figure - 2



EUROPEAN SEARCH REPORT

Application Number
EP 11 17 4011

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 7 December 2011	Examiner Jervelund, Niels
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 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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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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