PACKAGE FOR FRAGILE OBJECTS

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Filed: Sept. 12, 1973

Appl. No.: 396,465

Foreign Application Priority Data
Sept. 14, 1972 Germany 2245176

U.S. Cl. 229/2.5

Int. Cl. B65D 1/00; B65D 81/16; B65D 85/32

Field of Search 229/2.5, 29 M, 44 R, 217/25.5, 26.5

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ABSTRACT

A package for fragile objects, especially eggs, consisting of a container part and a cover part flexibly joined thereto, one of the parts comprising a number of pockets for the accommodation of the said objects, the pockets being arranged in at least two parallel rows, and supporting projections provided between the rows of pockets, while the other part has recesses corresponding to the said rows of pockets, and counter-projections between the recesses, that rest on the projections of the first part when one part is closed on the other, the counter-projections at their free ends being provided with a shoulder externally surrounding the supporting areas of the said projections.

1 Claim, 3 Drawing Figures
The present invention relates to a package for fragile objects, especially eggs, consisting of a container part and a cover part flexibly jointed to the container part, one of the parts comprising a number of pockets for the accommodation of the said objects, the pockets being arranged in at least two parallel rows, as well as supporting projections provided between the rows of pockets, while the other part has recesses corresponding to the said rows of pockets, and counter-projections between the recesses, resting on the projections of the first part when the one part is closed on the other. According to the invention the free ends of the counter-projections are provided with a shoulder which externally surrounds the supporting area of the projections. It is within the scope of the invention that the shoulder may be discontinuous in the direction of its circumference.

According to the invention such embodiment serves two purposes. When the package is closed the shoulders will keep the free ends of the supporting projections in place and center the cover on the projections, and secondly, the external wall portions of the shoulders may serve as areas supporting the objects accommodated in the package, thus contributing to keeping the objects in place, the said purpose being achieved in a space saving manner.

The invention is therefore particularly useful for sight packages of the type comprising a container and a cover flexibly jointed thereto, where the container has at least two parallel rows of pockets for the accommodation of objects, and projections rising between the rows of pockets, while the cover comprises at least two gable sections running parallel to the rows of pockets, and a lower cover section located between two adjacent gable sections and interconnecting the lower edges of opposite sides of adjacent gable sections, the said cover having a number of holes corresponding to the number of pockets in the container, the said holes being provided in the lower cover section and in the adjoining sides of the gable sections in such a way as to be positioned over the corresponding pockets in the said container when the cover is closed on the container.

When the package is closed the gable sections are located above the rows of pockets and a certain part of each object resting in the pocket becomes visible through its associated hole in the cover part, which part of the object may also be kept in place and limited by the hole rim, this being achieved by the package being so dimensioned that when it is closed the upper portion of the gable sections is located higher and the lower cover section is located lower than the upper part of the object, and by the gable sections being narrower than the said upper part of the objects.

In a package of this type according to the invention the counter-projections may form parts of the lower cover section and their shoulders may according to the invention border adjacent holes. This results in a mutual anchoring of adjacent projections as well as in a fixation of the objects in direct vicinity of the hole rims. At the same time a satisfactory minimum size of the hole may be retained.

Details of the invention will now be described with reference to the drawings.
According to the invention this arrangement is also useful for packages where the counter-abutment surfaces 12 are not inherent parts of a lower cover section, but separate components. The invention is also meant to cover any arrangement with no limitation to the number of pockets and/or cover sections.

What is claimed is:

1. Article revealing carton for fragile objects, particularly eggs, comprising a container section with a cover section hinged thereto, said container section having a plurality of article receiving compartments arranged in at least two parallel rows and also upwardly extending projections located between said rows of compartments, said cover section having at least two upwardly projecting gable portions extending parallel with the rows of compartments and a lower cover section located between two neighboring gable portions and interconnecting the lowermost edges of the opposed sides of the neighboring gable portions, a number of apertures being provided corresponding to the compartments in the container section, said apertures being formed in the lower cover section and the sides of the gable portions adjoining thereto, and being arranged so as to coincide with the respective compartments in the container section when the cover section is closed thereon, the upwardly extending projections of the container section having upwardly facing abutment surfaces at the free ends thereof, the lower cover section of the cover section being provided with a number of counter-abutment surfaces corresponding to the abutment surfaces of the upwardly extending projections and being arranged so as to abut against said latter abutment surfaces when the cover section is closed on the container section, the counter-abutment surfaces being parts of the lower cover section and being integral therewith by means of shoulders projecting beyond the counter-abutment surfaces at the periphery thereof and with their inner surfaces bordering the counter-abutment surfaces, at least parts of the outer surfaces of the shoulders extending along at least a part of the edges of the apertures in the lower cover section, the shoulders having a channel-like cross section thus defining upwardly open channels in the upper surface of the lower cover section.