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Remarks:

•A request for correction of the description and the drawings has been filed pursuant to Rule 139 EPC. A decision on the request will be taken during the proceedings before the Examining Division (Guidelines for Examination in the EPO, A-V, 3.).
•In accordance with Article 14(2), second sentence EPC the applicant has filed a text with which it is intended to bring the translation into conformity with the original text of the application.

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(54) **A container for prepared foods**

(57) The invention is a container for individual servings of prepared foods. The container can be manufactured in different shapes to suit requirements.

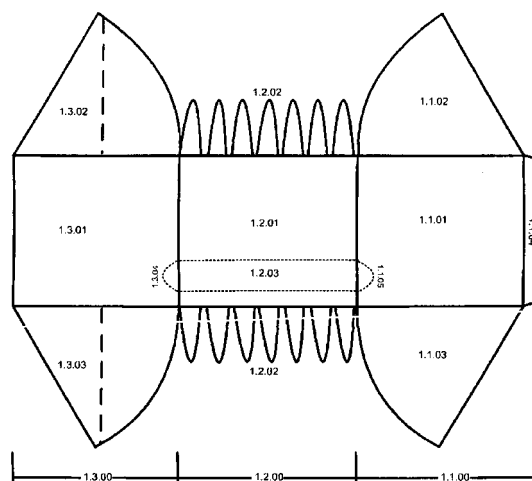
The box has 5 walls: top, bottom and 3 sides, where one of the sides is formed in a curved front. The box is constructed to contain portion packaging of prepared food.

The box has the form of a sector of a cylinder. The

cylinder is cut into pie-shaped sections along 2 radii at an angle according to requirements. For example, an angle of 60° creates 6 boxes per cylinder. The portion pieces inside all have the same dimensions. Portion pieces are stacked on top of each other inside the box.

When the tab inside the perforated lines in the curved front is removed, there is an opening in the box where the portions inside the box can be removed one by one. As one is removed, the next one slides down.

The Box Design - Figure 1



Description

Design of Invention

[0001] The invention is a container for individual servings of prepared foods.

[0002] The container can be manufactured in different shapes to suit requirements.

[0003] The box is for handling, transport, and serving of portion packaging of food.

[0004] The design can be seen in Figure 1 (page 6), a box with several uses.

Detailed description of the elements of the box

[0005]

1) The box is constructed to contain individual portions of food. The product is cooked in a circular form, which is then cut radially, so the portion pieces all have the same form. The pieces are assembled one on top of the other inside the box.

2) The box has 5 exterior walls: top, bottom and three sides, where one of the sides forms a curve.

3) Transport:

The box structure shall be solid enough so it can carry the weight necessary for transport in the European road network, and solid enough to maximize the height of storage within the trailer.

Boxes are constructed so that in transport they can be stacked vertically. Every other box is placed the opposite direction (interlocking triangles) in order to provide extra support.

4) Retail outlets:

The boxes can be used in all segments of the market, from the biggest megastore outlets to the smallest kiosk.

5) The box is used for serving prepared food piece one by one. There is a perforated tab on the curved front extending slightly onto the two vertical sides (see Figure 1 page 6, tab consists of 1.1.05, 1.2.03, and 1.3.04). When the tab inside the perforated lines is removed, there is an opening in the box where the portions inside the box can be removed one by one. As one is removed, the next one slides down.

Description of each piece of the invention

[0006] This box invention is divided into sections 1.1.00, 1.2.00, and 1.3.00, and is a box which functions

to serve prepared food portions one by one. One of the walls is formed in a curve.

[0007] This invention is meant to be produced in different lengths, widths, and heights.

[0008] A perforated tab (1.2.03, 1.1.05, and 1.3.04) runs through the lower part of the curved front, which, when removed, forms the opening for serving the portion packaging pieces one by one.

10 Section 1.1.00

[0009] This section of the box is assembled to compose the exterior top and bottom of the box (1.1.02 and 1.1.03), one side panel (1.1.01), 1 flap (1.1.04), and a tiny curved section of the perforated tab (1.1.05).

[0010] The two outside pie-shaped pieces (1.1.02 and 1.1.03) are bent 90° away from the exterior side to form 2 exterior walls of the top and bottom of the box. The sections 1.1.02 and 1.1.03 provide support for section 1.1.01, which forms one of the exterior sides of the box. Section 1.1.05 is one of the outside curved limits of the perforated tab, which when removed forms the opening for serving.

[0011] Gluing: In this section, glue is applied to the exterior part of flap 1.1.04, which is connected to the interior part of the unattached side of 1.3.01.

Section 1.2.00

[0012] The midsection of the box, composed of a central exterior curved wall (1.2.01), two rows of perforated lines composing the main section of the perforated tab which forms the dispenser opening (1.2.03) and the 2 rows of teeth flaps (1.2.02) which assist to stabilize the curve inside of the box. These teeth flaps are bent 90° toward the inside of the box.

[0013] Gluing: See section 1.3.00 below

Section 1.3.00

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[0014] The pie-shaped sections (1.3.02 and 1.3.03) are bent in 90°, away from the exterior. They form the inside top and bottom of the box, and the central section (1.3.01) forms the third exterior side of the box.

[0015] 1.3.04 is one of the curved limits of the perforated tab, which, when removed, forms the serving opening.

[0016] Gluing: The box is glued together by applying glue to the exterior sections of 1.3.02 and 1.3.03 which are then glued to the interior side of the teeth flaps (1.2.02).

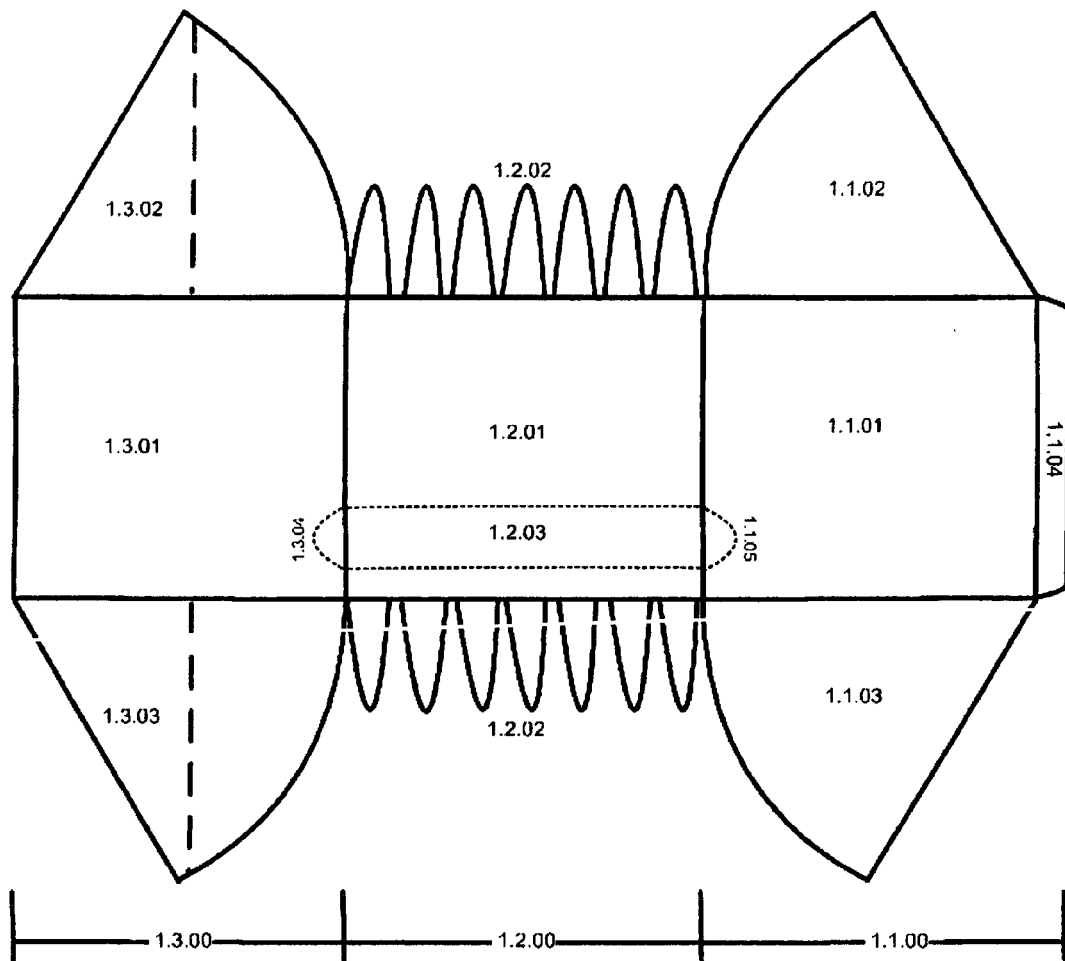
[0017] Then, the interior sides of 1.1.02 and 1.1.03 are glued to the pieces that have been glued together above (1.2.02, 1.3.02 and 1.3.03).

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Claims

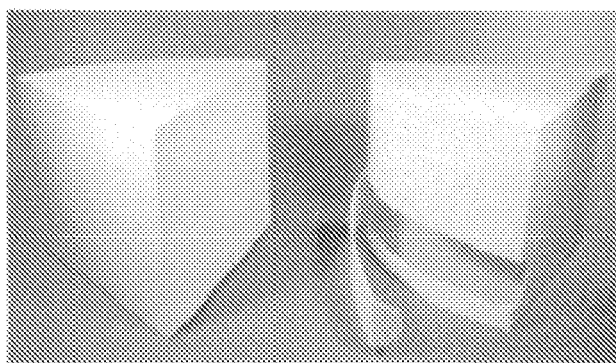
1. box which functions to serve prepared food pieces one-by-one. The box is a pie or wedge-shaped section of a cylinder, which, in the cylindrical coordinate system, has origin O, polar axis A, height z, and longitudinal axis L being the extent of the cylinder. The angular coordinate ϕ can vary according to requirements. For example, a ϕ of 60° will result in 6 wedge-shaped boxes. 5
- The box is made up of a top and bottom, 2 sides along the radii of the cylinder at a e.g. 60° angle, and a front with a curvature determined by the radius of the cylinder. The box is constructed by folding the 2 sides attached to the curved front and then gluing them together by a flap projecting from one of the sides. 10
- The front of the box has teeth which are bent at 90° away from the exterior and the top and bottom are folded over and glued to the teeth to form the enclosed box. 15
- When the tab inside the perforated lines in the curved front is removed, there is an opening in the box where the portions inside the box can be removed one by one. As one is removed, the next one slides down. 20
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The Box Design - Figure 1



A Photo Example

The photo can be used when published.





EUROPEAN SEARCH REPORT

Application Number
EP 10 01 3550

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 98/01351 A1 (GROUPE DANONE SA [FR]; DELAUNAY YVES [FR]; SCHROYENS EDGARD [BE]) 15 January 1998 (1998-01-15)	1	INV. B65D5/02 B65D5/10 B65D75/58 B65D5/54
Y	* page 6, line 16 - page 12, line 12; figures 1, 2, 5 *	1	
Y	----- US 1 758 585 A (FREDERIC RIEGEL GEORGE) 13 May 1930 (1930-05-13) * the whole document * -----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			B65D
Place of search		Date of completion of the search	Examiner
Munich		4 August 2011	Cazacu, Corneliu
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 10 01 3550

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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04-08-2011

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