

Alerta

Packaging

Base explorada	Restricción	Registros
Repositorio INAPIPROYECTA	1982-2005	15
Código filtrado		
Palabra clave	Área: Agroindustria	Sub área: Packaging

PATENTES

▶ FOLDABLE CARDBOARD BOX FOR FRUIT AND VEGETABLES OR DRINKS, EQUIPPED WITH REINFORCEMENT MEANS

WO2006IT00137	País: Italia	Solicitante: CAZZAROLLI S.A.S DI CAZAROLLI DOTT. LEONARDO & C, ; CAZZAROLLI, LEONARDO, ; CAZZAROLLI S.A.S. DI CAZZAROLLI DOTT. LEONARDO & C	Fecha: 2005/03/09
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Inventores: CAZZAROLLI, LEONARDO

Resumen: A box for the packaging, transport and storage of products in general, in particular fruit and vegetable type products or similar, consists of a base portion (10) from which side walls (15, 18) defined by pre-cut lines (13, 14, 16, 17) can be folded upwards; at least two opposite sides of the box can be equipped with two cardboard portions (11, 12) which are fixed astride these two sides; these portions (11, 12) also comprise tabs (24) designed to be slotted into folded flaps (25) defined by cuts and pre-cut lines (26) in each side of the box adjacent to the sides in which the portions (11, 12) are present.

Enlace: http://worldwide.espacenet.com/publicationDetails/biblio?CC=WO&NR=2006095376A8&KC=A8&FT=D&ND=4&date=20080117&DB=EPODOC&locale=en_EP

▶ **Corner construction for packaging tray for e.g. fruit, has inner panel provided with inside fold to form side wall with flap**

BE20030000122	País: Bélgica	Solicitante: SCA PACKAGING BUGGENHOUT	Fecha: 2003/02/26
Inventores:	INGELGEM WENDY VAN, ; DE SMEDT GERT JAN, ; VESSCHEMOET SOFIE, ; VERHAEGHE KOEN JAN MARIA		
Resumen:	<p>At least one inside fold line (11) is provided in the inner panel (7) forming a first side wall (4) with flap (6) and extends substantially parallel to the outside fold line (10) in the opposite direction to the latter from the flap. - The first side wall is secured to a second side wall (5) via the flap, which is formed by at least one inner panel and at least one outer panel (8) which are secured together. The outside fold line is provided in the outer panel and extends in a substantially vertical direction to form the outside edge of the corner. INDEPENDENT CLAIMS are also included for the following: - (a) Tray with a base and at least three side walls joined together via the above corner constructions; - (b) Method for forming the corner construction; and - (c) Method for making the tray. - The corner construction is formed by providing a first substantially rectangular side wall panel with at least one length direction fold line (9), providing at least one outside fold line in the transverse direction between the length direction fold line and a first length edge in order to form a flap and providing an inside fold line in the transverse direction between the length direction fold line and a second length edge. The piece is then folded in two along the length direction fold line and the flap is folded about the spaced apart inside and outside fold lines. The tray has a substantially rectangular base connected to two substantially rectangular first side wall panels via base folds along two opposing first side edges and an incision is cut into each end of the base fold to form two rectangular second side wall panels, which are then folded upwards, after which the first side wall panels are turned back to form two corner constructions and the four flaps in each of the latter are connected to the corresponding four ends of the two second side wall panels.</p>		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=2&ND=3&adjacent=true&locale=en_EP&FT=D&date=20050301&CC=BE&NR=1015385A3&KC=A3		

▶ **Cardboard tray for packaging fruit and vegetables**

FR20030001745	País: Marruecos	Solicitante: TERLE MAURICE	Fecha: 2003/02/13
Inventores:	TERLE MAURICE		
Resumen:	<p>The tray comprises a rectangular bottom (2), two lateral faces (5) fastened to the large sides (3) of the bottom, and two end faces (7) fastened to the small sides (4) of the bottom. The two end faces are made from a double cardboard wall (14,15). Flaps (10,18a) are provided for assembling the doubled end faces to the lateral faces and to the tray four corners (8).</p>		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=3&ND=3&adjacent=true&locale=en_EP&FT=D&date=20030926&CC=FR&NR=2837466A3&KC=A3		

▶ Packaging tray for fruit and vegetables has sidewalls with lower flaps connected together to form base

FR19990013173	País: Francia	Solicitante: SCA EMBALLAGE FRANCE	Fecha: 1999/10/18
Inventores:	Henry Michel		
Resumen:	The packaging tray for fruit and vegetables has a base (46) with four sidewalls (2,4,6,8) having tongues (36) to stabilise them during stacking. The walls are formed by a strip of material with a connecting flap at one end to allow forming into a peripheral wall. The walls each have a lower flap which is attached to others to form the base (46). The upper edges of two of the sidewalls have extensions which are folded back to allow doubling of the wall thickness.		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=4&ND=3&adjacent=true&locale=en_EP&FT=D&date=20010420&CC=FR&NR=2799731A1&KC=A1		

▶ Tray packaging of corrugated cardboard, used for packing vegetables and fruit

FR19960014120	País: Francia	Solicitante: SCA EMBALLAGE FRANCE	Fecha: 1996/11/15
Inventores:	HENRY MICHEL		
Resumen:	The packaging comprises a bottom (1) and four side walls (2,3,4,5). Two opposite walls (4,5) have side flaps (10) which are fixed to the end of adjacent walls. Grooves in the corrugated cardboard extend vertically on the flaps and walls. The walls with the flaps are extended at their upper edge by a double folded down tab (13) which is fixed internally. This tab extends to the top of the walls. The lower part of the flaps' internal faces are fixed to the external face of the adjacent walls. The upper edge of the flaps have an extension in the shape of an ear (15) which is folded down internally toward the flap and is fixed to the flap upper part.		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=5&ND=3&adjacent=true&locale=en_EP&FT=D&date=19980522&CC=FR&NR=2755948A1&KC=A1		

▶ Packaging tray esp. for fruit using semi rigid corrugated material

FR19940003133	País: Francia	Solicitante: SOCAR	Fecha: 1994/03/17
Inventores:	CHABOT ROLAND, ; PEREZZAN PIERRE		
Resumen:	<p>The tray has a rectangular base (1) with two longitudinal and parallel sidewalls (6) formed by folding and two transverse sidewalls (3), which are also parallel, arranged between them. The transverse sidewalls are higher than the longitudinal walls. The sidewalls are assembled by using three lines of adhesive (7) on the outside surface of an interior flap (4) which is formed as part of the transverse sidewall. A further flap (6) is formed as an extension to the handling rail (5) attached to the transverse sidewall. The two flaps are adhered to the adhesive lines that run the full length of the interior flap.</p>		
Enlace:	<p>http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=6&ND=3&adjacent=true&locale=en_EP&FT=D&date=19950922&CC=FR&NR=2717444A1&KC=A1</p>		

▶ Open cardboard container for fruit and vegetables

EP19920111416	País: Italia	Solicitante: ORTOPACK S.R.L	Fecha: 1992/07/06
Inventores:	DE ROSSI, EMILIO		
Resumen:	<p>A cardboard container (10) with open spaces (10a) for packaging fruit and vegetables. The cardboard container (10) is obtained from a creased blank and comprises a base panel (11), cross walls (12) and side walls (13) upwardly extending beyond said cross walls (12); upper covering strips (16) are parallel arranged to the base panel (11) and inwardly protruding reinforcement tabs (18) are provided for the side walls (13) to define open spaces (10a) for packaging fruit and/or vegetables to be stored; fruit - vegetables exhibiting openings (13a) are provided in the side walls (13).</p>		
Enlace:	<p>http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=7&ND=3&adjacent=true&locale=en_EP&FT=D&date=19930120&CC=EP&NR=0523495A1&KC=A1</p>		

▶ Fruit tray packaging - comprises two folded longitudinal walls and two articulated transverse walls with reinforcing flaps against face of contiguous longitudinal walls

FR19920006365	País: Francia	Solicitante: CARTON ONDULE STE CONTINENTALE	Fecha: 1992/05/25
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Inventores: BOUZARD FRANCOIS

Resumen: Two longitudinal walls (2) are folded to adjoin a rectangular bottom (1). Two transverse walls (3), of height greater than the longitudinal walls, have articulated ends. A flap is placed against the internal face of the contiguous longitudinal wall (2) and passes above it. Each flap adjoining transverse walls (3) is extended by a reinforcing part (5). Against the face of each reinforcing part (5), which is turned inwards, is a tongue (10) joined by a fold to the contiguous longitudinal wall (2) or to a similar tongue (9) adjoining the longitudinal wall. The tongue (10) is fixed to the reinforcing part by gluing or stapling. **ADVANTAGE** - The reinforcing part is locked in position and provides greater resistance to bending.

Enlace: http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=8&ND=3&adjacent=true&locale=en_EP&FT=D&date=19931126&CC=FR&NR=2691443A1&KC=A1

▶ Crate for the packaging of fruit or vegetables

EP19890117346	País: Alemania	Solicitante: HOFFMANN GUENTER GMBH CO KG, ; GUENTER HOFFMANN GMBH & CO. KG KARTONAGENFABRIK	Fecha: 1989/09/20
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Inventores: HUBER, JUERGEN

Resumen: The crate for the packaging of fruit or vegetables consists of a single-piece punched blank made of solid cardboard which has a bottom (1), two longitudinal walls (2), two end walls (3) and adhesive tabs (4, 5) for a four-corner bonding. This crate is constructed as a ready-bonded, stackable upright crate. Each end wall (3) forms two folded hollow corner supports (6), bonded onto the inside of the end wall (3), and a covering and stacking strip (7), having hollow gripping parts (24), which is folded over onto the two corner supports (6) of each end wall (3) and fixed with adhesive tabs (4) between the corner support (6) and the longitudinal wall (2).

Enlace: http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=9&ND=3&adjacent=true&locale=en_EP&FT=D&date=19901031&CC=EP&NR=0394549A1&KC=A1

Package of the fruit tray type comprising grasping means

FR19870003364	País: Francia	Solicitante: AUVERGNE SA CARTONNERIES	Fecha: 1987/03/05
Inventores:	JACQUES PETIARD, ; ANDRE BATHIER		
Resumen:	The present invention relates to a stackable packaging carton intended for transport, of the fruit tray type. According to the invention a package obtained from a cut-out and folded cardboard blank is constituted by a bottom 1, two side panels 2, external 8 and internal 10, themselves formed from two panels folded one onto the other, two end panels 3 comprising, under their top surfaces 4, a kind of tunnel 5 formed by the panels 6 and 7, the latter being intended to receive a bar or a rod when the tray is handled. Applications to packaging of fruit for transport.		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=10&ND=3&adjacent=true&locale=en_EP&FT=D&date=19880909&CC=FR&NR=2611652A1&KC=A1		

Composite package, of the case type, made of wood and cardboard, and blank(s) and panels suitable for the construction of such a package

FR19860017398	País: Francia	Solicitante: NICOLLET SA HUGUES	Fecha: 1986/12/12
Inventores:	JEAN LAZERAND		
Resumen:	The invention relates to a package of the type comprising a bottom 11 and four lateral side panels 12. According to the invention, two 12A of these side panels 12, opposite to each other, are wooden panels, whilst, being in one piece with at least a part of the bottom 11, the other two, that is to say the side panels 12B, are each part of a corrugated cardboard blank 14 which, along each of its edges, comprises a reinforcement strip and which, by the said edges, is joined to the side panels 12A by staples 16 inserted in such a way that they at least partially straddle the said reinforcement strips. Application, in particular, to the packaging of vegetables or fruit.		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=11&ND=3&adjacent=true&locale=en_EP&FT=D&date=19880617&CC=FR&NR=2608129A1&KC=A1		

Stackable packaging container

FR19860014033	País: Francia	Solicitante: LYS ONDULYS CARTONNERIES	Fecha: 1986/01/02
Inventores:	ARMAND MOTTE		
Resumen:	<p>The invention relates to a stackable packaging container which will be applied, in particular, in order to ensure the packaging of loose products such as fruit, vegetables, potato or other plants. The container is provided with a bottom and with side walls 3 and is made by folding a flexible sheet, for example a cardboard sheet. In order to facilitate stacking, the container 1 comprises means for preventing any distortion of the side walls 3 and of forming a stable seating for the stack. These means are in the form of a continuous internal peripheral rim 4 which connects the various upper edges of the side walls 3. The invention will be applied in particular in the packaging industry.</p>		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=12&ND=3&adjacent=true&locale=en_EP&FT=D&date=19880415&CC=FR&NR=2604975A1&KC=A1		

Support frame for a cellular tray, blank suitable for making such a support frame, and package with cellular tray or trays using it, in particular for the packaging of fruit

FR19850005778	País: Francia	Solicitante: NICOLLET SA HUGUES	Fecha: 1985/04/17
Inventores:	JEAN-CLAUDE LASNIER		
Resumen:	<p>The invention relates to a support frame 14 intended to be set up around a cellular tray 10 in order to constitute a package 40. According to the invention, the support frame 14 is made of cardboard, corrugated cardboard or other sheet material suitably cut out and folded, and it comprises, in one piece, four side panels 16 which, set up such that they are at right angles with respect to one another, are suitably connected together in pairs, and at least two of which, opposite to each other, are each doubled in thickness by a reinforcing panel which cannot be seen in the figure. Application, in particular, to the packaging of fruit.</p>		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=8&ND=3&adjacent=true&locale=en_EP&FT=D&date=19861024&CC=FR&NR=2580587A1&KC=A1		

▶ Tray for packaging fruit and vegetables

FR19840012774	País: Francia	Solicitante: OLIVIER HENRI	Fecha: 1984/08/14
Inventores:	Dato no disponible		
Resumen:	The invention relates to packaging and in particular relates to a tray for packaging fruit and vegetables of the type comprising a cut-out made of pliable cardboard 1 forming the bottom 2 and the side walls 3 of the tray and vertical strengtheners 4 disposed in the four corners of the tray and on which are fixed the vertical parts 3 of the cardboard cut-out, characterised in that the free ends of the cardboard parts forming the side walls 3 of the tray have folding tabs 5 fixed between two parts, mobile with respect to each other, of the strengtheners 4.		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=9&ND=3&adjacent=true&locale=en_EP&FT=D&date=19860221&CC=FR&NR=2569166A1&KC=A1		

▶ Packaging tray, particularly for fruit and vegetables

FR19820017952	País: Francia	Solicitante: BELLO MARTINO	Fecha: 1982/10/19
Inventores:	Dato no disponible		
Resumen:	The invention relates to a packaging tray 19, used for example for transporting fruit and vegetables. Commencing with a cut cardboard blank, the tongues 2 are folded onto the inside face of the transverse panels 4. Next, the flaps 6 are folded up and their tabs 13 are slotted into the slots 14 in the ears 15. The end panel 4 remains smooth on the finished tray, and it is of double thickness. Application: cheap, disposable packaging having great mechanical rigidity.		
Enlace:	http://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=10&ND=3&adjacent=true&locale=en_EP&FT=D&date=19840803&CC=FR&NR=2540070A1&KC=A1		

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