<table>
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<tr>
<th>Alertas Tecnológicas</th>
<th>- 1 de 25 -</th>
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<tr>
<td>SECUESTRADORES DE OXÍGENO EN FORMULACIONES PLÁSTICAS</td>
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49 Resultados  
Solicitudes publicadas en los últimos 180 días / Applications published in the last 180 days

**OXYGEN ABSORBER COMPOSITION, OXYGEN-ABSORBING MULTILAYER BODY, OXYGEN-ABSORBING PACKET, AND METHOD FOR STORING ARTICLE**

- **Nº publicación**: US2019099738A1  04/04/2019
- **Solicitantes**: MITSUBISHI GAS CHEMICAL CO [JP]
- **Resumen**: The present invention provides an oxygen absorber composition containing a hydrocarbon resin; an iron particle having an average particle diameter of 1.0 μm or more and 200 μm or less and having a BET specific surface area of 10 m2/g or more; and an aldehyde absorber capable of absorbing at least aldehyde compound, wherein the iron particle contains iron.

**ENVIRONMENT CONTROL SYSTEM UTILIZING AN ELECTROCHEMICAL CELL**

- **Nº publicación**: US2019100844A1  04/04/2019
- **Solicitantes**: XERGY INC [US]
- **Resumen**: An environment control system utilizes oxygen and humidity control devices that are coupled with an enclosure to independently control the oxygen concentration and the humidity level within the enclosure. An oxygen depletion device may be an oxygen depletion electrolyzer cell that reacts with oxygen within the cell and produces water through electrochemical reactions. A desiccating device may be a desiccation electrolyzer cell, a desiccator, a membrane desiccator or a condenser. A controller may control the amount of voltage and/or current provided to the oxygen depletion electrolyzer cell and therefore the rate of oxygen reduction and may control the amount of voltage and/or current provided to the dehumidification electrolyzer cell and therefore the rate of humidity reduction. The oxygen level may be determined by the measurement of voltage and a limiting current of the oxygen depletion electrolyzer cell. The enclosure may be a food or artifact enclosure.
CONTAINERS, CONTAINER INSERTS AND ASSOCIATED METHODS FOR MAKING CONTAINERS

Nº publicación EA201891635A1  29/03/2019
Solicitantes 
Resumen  A container includes a container body (201), optionally a lid (220), and an insert (100) secured, optionally fixedly secured within an interior of the container body. The insert has a base material, optionally a polymer, for providing structure to the insert, and a desiccant. The insert further has an opening leading to an interior compartment (102) configured for housing products and an outer surface (104) facing an inner surface of the container body. A void is provided between an exposed portion of the outer surface of the insert and a portion of the inner surface of the container body. At least one fluid pathway is provided between the void and the interior compartment of the insert.

PACKAGING ASSEMBLY AND CONTAINER FOR SAME, METHOD OF MAKING A PACKAGING ASSEMBLY, AND ASSOCIATED METHOD OF USING AND/OR ACTIVATING AN ACTIVE AGENT

Nº publicación WO2019060244A1  28/03/2019
Solicitantes CSP TECHNOLOGIES INC [US]
Resumen  A container for a packaging assembly can include a body having a base and a sidewall extending therefrom. The body can define an interior including a product space configured for housing at least one product, and can have an opening leading to the interior. The container can include an active agent located within a compartment that is provided within the interior. The compartment can be sealed by a sealing layer to encapsulate the active agent within the compartment so as to prevent fluid communication between the active agent and the product space.
Portionskapselsystem für Kaffeepulver

Nº publicación DE102018120783A1  28/03/2019
Solicitantes MAHLICH GOTTHARD [DE]
Resumen Portionskapselsystem (1) für die Aufnahme von Kaffeepulver (12), das bevorzugt aus einem topfförmigen Behälter (2), und einem, den Behälter (2) luftdicht verschließenden, Deckelelement (8), oder anders geformten Portionskapseln gebildet ist, wobei der Behälter (2) und das Deckelelement (8) bevorzugsweise aus nachwachsenden organischen Materialien, vorzugsweise aus thermoplastischen Biopolymeren (13), die biologisch abbaubar, kompostierbar, geschmacksneutral und physiologisch unbedenklich sind und vorzugsweise zu der Gruppe der thermoplastischen Polisaccharide gehören und der Vorschrift EN 13432 für kompostierbar Biopolymere genügen, und der Behälter (2) aus einer Kunststofffolie tiefgezogen oder blastechnisch oder im Kunststoffspritzguss-Verfahren geformt ist und das Deckelelement (8) bevorzugsweise aus einer flexiblen Kunststofffolie gefertigt ist, dadurch gekennzeichnet, dass die äußeren oder die inneren Oberflächen (4, 5, 9, 10) oder die äußeren und die inneren Oberflächen (4, 5, 9, 10) des Behälters (2) und des Deckelelementes (8) vollständig mit einer filmbildenden, biologisch abbaubaren, kompostierbaren, geschmacksneutralen und physiologisch unbedenklichen CO2 Barriere-Versiegelung (14) versehen sind, dass die CO2 Barriere mittels mit Nanopartikeln (15) gefüllten Poren der Struktur des Biopolymers 13, aus dem der Behälter (2) und das Deckelelement (8) gefertigt sind, gebildet ist.

OXYGEN SCAVENGER

Nº publicación JPWO2017203912A1  22/03/2019
Solicitantes \\
Resumen An oxygen scavenger including fluoride- type cerium oxide particles having a reversible oxygen deficiency represented by CeOx (where x is a positive number l ess than 2), the surface of the particles being covered by an inorganic oxide. The inorganic oxide preferably comprises at least one substance selected from MyOz (where M represents an element th at does not undergo a valence change, and y and z represent positive numbers) and a composite oxide of element M and cerium oxide. The inorganic oxide also preferably comprises at least one substance selected from SiO2, Al2O3, a composite oxide of Si and Ce, and a composite oxide of Al and Ce.
A container for particulate material includes a can end including a recessed concavity integrally formed in the can end and open to an inner chamber of the container. An absorptive material is disposed in the concavity. The absorptive material may absorb oxygen, moisture vapor, or both. At least one barrier layer is disposed between the concavity and the chamber.

A container includes a container body (201), optionally a lid (220), and an insert (100) secured, optionally fixedly secured within an interior of the container body. The insert has a base material, optionally a polymer, for providing structure to the insert, and a desiccant. The insert further has an opening leading to an interior compartment (102) configured for housing products and an outer surface (104) facing an inner surface of the container body. A void is provided between an exposed portion of the outer surface of the insert and a portion of the inner surface of the container body. At least one fluid pathway is provided between the void and the interior compartment of the insert.
TIE LAYER COMPOSITIONS AND MULTILAYER FILMS INCORPORATING SAME

Nº publicación **AR110112A1** 27/02/2019
Solicitantes **DOW GLOBAL TECHNOLOGIES LLC [US]**
Resumen  Embodiments are directed to a tie layer composition comprising functionalized polyethylene, styrene block copolymer, base polyethylene, and antioxidant co-stabilizers, wherein the antioxidant co-stabilizers comprise at least one oxygen scavenger, at least one peroxy free radical scavenger, and at least one alkyl free radical scavenger. Further embodiments are directed to multilayer films or sheets which include the tie layer composition.

ETHYLENE CONTROL ACROSS MULTIPLE STAGES OF A DISTRIBUTION CHAIN

Nº publicación **US2019045816A1** 14/02/2019
Solicitantes **CARRIER CORP [US]**
Resumen  A transport container for multiple stages of a distribution chain is provided. The transport container includes a power source providing electrical power to the transport container. An ethylene injection unit configured to store and inject ethylene into the transport container. A controller in operative communication with the power source and the ethylene injection unit. The controller is configured to command the ethylene injection unit to inject ethylene into the transport container along the multiple stages of the distribution chain.
COMPOSITION COMPRISING A POLYMERIC REAGENT

Nº publicación US2019046651A1 14/02/2019
Solicitantes NEKTAR THERAPEUTICS [US]
Resumen The present invention provides conjugates having a degradable linkage and polymeric reagents useful in preparing such conjugates. The conjugates as well as the polymeric reagents used to form the conjugates include at least one of each the following: an aromatic moiety comprising an ionizable hydrogen atom, a spacer moiety, and a water-soluble polymer. Methods of making polymeric reagents and conjugates, as well as methods for administering conjugates and compositions, are also provided.

PERFUSION DOSAGE FORM

Nº publicación US2019046398A1 14/02/2019
Solicitantes SUN PHARMACEUTICAL INDUSTRIES LTD [IN]
Resumen The present invention further relates to a perfusion system comprising different sets of perfusion containers, each container comprising a ready-to-infuse, stable, sterile, aqueous perfusion solution of a drug, wherein the set of perfusion containers alone or in combination provides for direct intravenous administration of a desired dose of the drug to a patient in need thereof, such that the delivered dose is equal to or within ±5% of the calculated dose.
MOISTURE TIGHT CONTAINERS AND METHODS OF MAKING AND USING THE SAME

Número publicación: WO2019032636A1 14/02/2019
Solicitantes: CSP TECHNOLOGIES INC [US]
Resumen: A method for storing and preserving moisture sensitive products includes providing a moisture tight container (400) having an insert (300) made from a desiccant entrained polymer that is less than 3.25g in mass, disposing a plurality of moisture sensitive products into the interior compartment when the container is in the open position, and moving the container into the closed position, thereby creating a moisture tight seal between the lid (420) and the container body (401). The container provides a shelf life to the moisture sensitive products of at least 12 months. The container, when in the closed position, has a moisture vapor transmission rate, at ambient conditions of 30°C and 75% relative humidity (RH), of less than 500 | ig/day.

AIR TIGHT GAS CIRCULATING CONTAINER

Número publicación: US2019047768A1 14/02/2019
Solicitantes: UPAC2 [US]
Resumen: Inhibiting spoilage of items is achieved by providing a container having an environmentally controlled storage compartment sealed from the external atmosphere and a reaction medium in a separate compartment in fluid communication with the storage compartment.
OXYGEN ABSORBER COMPOSITION, OXYGEN-ABSORBING MULTILAYER BODY, OXYGEN-ABSORBING PACKAGING CONTAINER, AND METHOD FOR STORING ARTICLE

Nº publicación JPWO2017169036A1  14/02/2019
Solicitantes 三菱瓦斯化式会社
Resumen  The present invention provides an oxygen absorber composition which contains: a hydrocarbon resin; iron particles having an average particle diameter of from 1.0 μm to 200 μm (inclusive) and a BET specific surface area of 10 m²/g or more; and an aldehyde absorber which is capable of absorbing at least an aldehyde compound. In this connection, the iron particles contain iron.

AIR TIGHT GAS CIRCULATING CONTAINER

Nº publicación CA3013244A1  08/02/2019
Solicitantes UPAC2 [US]
Resumen  Inhibiting spoilage of items is achieved by providing a container having an environmentally controlled storage compartment sealed from the external atmosphere and a reaction medium in a separate compartment in fluid communication with the storage compartment.
CONTAINERS, CONTAINER INSERTS AND ASSOCIATED METHODS FOR MAKING CONTAINERS

Nº publicación US2019039804A1 07/02/2019
Solicitantes CSP TECHNOLOGIES INC [US]

Resumen A container includes a container body (201), optionally a lid (220), and an insert (100) secured, optionally fixedly secured within an interior of the container body. The insert has a base material, optionally a polymer, for providing structure to the insert, and a desiccant. The insert further has an opening leading to an interior compartment (102) configured for housing products and an outer surface (104) facing an inner surface of the container body. A void is provided between an exposed portion of the outer surface of the insert and a portion of the inner surface of the container body. At least one fluid pathway is provided between the void and the interior compartment of the insert.

OXYGEN ABSORBER COMPOSITION, OXYGEN-ABSORBING MULTILAYER BODY, OXYGEN-ABSORBING PACKAGING CONTAINER, AND METHOD FOR STORING ARTICLE

Nº publicación EP3437716A1 06/02/2019
Solicitantes MITSUBISHI GAS CHEMICAL CO [JP]

Resumen The present invention provides an oxygen absorber composition containing a hydrocarbon resin; an iron particle having an average particle diameter of 1.0 µm or more and 200 µm or less and having a BET specific surface area of 10 m²/g or more; and an aldehyde absorber capable of absorbing at least aldehyde compound, wherein the iron particle contains iron.
SYSTEM AND METHODS FOR TRANSPORTING OR STORING OXIDATIVELY-DEGRADABLE FOODSTUFF

Nº publicación US2019021350A1  24/01/2019
Solicitantes GLOBAL FRESH FOODS [US]
Resumen Disclosed are packaging systems and method useful in extending the storage-life of foodstuff such as fresh fish. The packaging systems and methods can be used to transport or store the foodstuff for an extended period of time. The packaging systems preferably use a fuel cell to maintain a reduced oxygen level in the environment surrounding the foodstuff.

Closure With False Thread For A Package

Nº publicación US2019016510A1  17/01/2019
Solicitantes CLOSURE SYSTEMS INT INC [US]
Resumen A closure includes a polymeric top wall portion, a polymeric annular skirt portion, and a polymeric tamper-evident band. The polymeric annular skirt portion depends from the polymeric top wall portion. The annular skirt portion includes an internal thread formation for mating engagement with an external thread formation of a container, and first and second false threads. The internal thread formation includes a first closure lead and a second closure lead. Each of the first and second closure leads is in the form of a helix. Each of the false threads is located on roughly opposing sides of the closure. The first false thread assists in maintaining the contact between the first closure lead and a first finish lead of the container. The second false thread assists in maintaining the contact between the second closure lead and a second finish lead of the container. The polymeric tamper-evident band depends from and is at least partially detachably connected to the polymeric annular skirt portion by a frangible connection.
METHOD FOR PRODUCING A TEMPOL-CONTAINING URETHANE RESIN COMPOSITION HAVING AN IMPROVED STORAGE STABILITY

Nº publicación WO2019011684A1 17/01/2019
Solicitantes HILTI AG [LI]
Resumen The present invention relates to a method for producing an urethane(meth)acrylate resin composition. The method improves storage stability and reduces the reactivity drift of the composition as compared to compositions which have been produced by other means from the same starting materials. In particular, it reduces the degradation of TEMPOL in mixtures with branched urethane resins.
The present invention relates to a method for producing an urethane(meth)acrylate resin composition. The method improves storage stability and reduces the reactivity drift of the composition as compared to compositions which have been produced by other means from the same starting materials. In particular, it reduces the degradation of TEMPOL in mixtures with branched urethane resins.
PACKAGING SYSTEM FOR OXYGEN-SENSITIVE DRUGS

Nº publicación EP3424547A1  09/01/2019
Solicitantes  FRESENIUS KABI AUSTRIA GMBH [AT]
Resumen  Described herein are pharmaceutical packaging systems which prevent oxidative degradation of oxygen-sensitive drugs, such systems including a primary packaging container with an oxygen permeable component, a secondary packaging with very low permeability to oxygen and an oxygen absorber.

OUTER CAP FOR A CHILD-RESISTANT CLOSURE, CHILD-RESISTANT CLOSURE, CONTAINER WITH SUCH CLOSURE AND ITS USE

Nº publicación WO2018234544A1  27/12/2018
Solicitantes  CLARIANT HEALTHCARE PACKAGING FRANCE SAS [FR]
Resumen  A child-resistant closure (10) for a container (20) with an outer screw thread opening, comprises an outer cap (12) with a first sidewall (16) and a first top wall (18) and an inner cap (14) with a second sidewall (42) and a second top wall (44), the inner cap (14) being coaxially nested within the outer cap (12) and being provided with an inner thread (36) to screw the inner cap (14) onto the container (20), the outer cap (12) and the inner cap (14) being provided with first cooperating engagement means (62, 66), the first engagement means (62, 66) being arranged and shaped such that when opening the closure (10), the inner cap (14) is rotated by the outer cap (12) upon application on the outer cap (12) of an axial force plus a turning mechanical torque in a first rotational direction, and second cooperating engagement means (60, 68) which are arranged between the first top wall (18) and the second top wall (44) and shaped such that when closing the closure (10), the inner cap (14) is rotated by the outer cap (12) upon application of a turning mechanical torque in a second rotational direction on the outer cap (12), the second cooperating engagement means comprising a plurality of strip-like elastic members (60) wherein each strip-like elastic member (60) is inclined relative to the first top wall (18) and comprises a reinforcing element (61) arranged between the first (18) or second top wall (44) and the strip-like elastic member (60) connected thereto.
**ONE PIECE CONTAINER AND LID**

Número publicación: US2018362224A1 20/12/2018  
Solicitantes: AMCOR GROUP GMBH [CH]  
Resumen: A one piece container including a body defining a receptacle and a lid connected to the body with a hinge. The lid includes a flange extending from an inner surface of the lid. The lid is movable between an open position thereby permitting access to the receptacle, and a closed position thereby restricting access to the receptacle. In the closed position, the flange of the lid extends into the receptacle to form a seal between a curved outer surface of the flange and a smooth inner surface of the body. The one piece container is formed as a single unit and may include a desiccant in the body or lid.

**ETHYLENE CONTROL ACROSS MULTIPLE STAGES OF A DISTRIBUTION CHAIN**

Número publicación: EP3414886A1 19/12/2018  
Solicitantes: CARRIER CORP [US]  
Resumen: A transport container for multiple stages of a distribution chain is provided. The transport container includes a power source providing electrical power to the transport container. An ethylene injection unit configured to store and inject ethylene into the transport container. A controller in operative communication with the power source and the ethylene injection unit. The controller is configured to command the ethylene injection unit to inject ethylene into the transport container along the multiple stages of the distribution chain.
CONTAINERS, CONTAINER INSERTS AND ASSOCIATED METHODS FOR MAKING CONTAINERS

Nº publicación: BR112018016235A2 18/12/2018
Solicitantes: CSP TECHNOLOGIES INC [US]
Resumen: A container includes a container body (201), optionally a lid (220), and an insert (100) secured, optionally fixedly secured within an interior of the container body. The insert has a base material, optionally a polymer, for providing structure to the insert, and a desiccant. The insert further has an opening leading to an interior compartment (102) configured for housing products and an outer surface (104) facing an inner surface of the container body. A void is provided between an exposed portion of the outer surface of the insert and a portion of the inner surface of the container body. At least one fluid pathway is provided between the void and the interior compartment of the insert.

O2 SCAVENGING CaCO3 TREATMENT

Nº publicación: US2018353930A1 13/12/2018
Solicitantes: OMYA INT AG [CH]
Resumen: The present invention refers to the use of a surface-treated calcium carbonate-comprising material and/or magnesium carbonate-comprising material as oxygen scavenger; wherein the surface treatment agent is selected from the group consisting of ascorbic acid and/or salts thereof, gallic acid and/or salts thereof, unsaturated fatty acids and/or salts thereof, elemental iron, iron (II)-salts and iron (II, III)-comprising oxides, iron (II, III)-comprising oxides and mixtures thereof; and wherein the total weight of the surface treatment agent on the total surface area of the at least one calcium carbonate-comprising material and/or magnesium carbonate-comprising material is from 0.01 to 40 mg/m2, based on the at least one calcium carbonate-comprising material and/or magnesium carbonate-comprising material.
CONTAINERS, CONTAINER INSERTS AND ASSOCIATED METHODS FOR MAKING CONTAINERS

Nº publicación PE19382018A1  13/12/2018
Solicitantes CSP TECHNOLOGIES INC [US]
Resumen A container includes a container body (201), optionally a lid (220), and an insert (100) secured, optionally fixedly secured within an interior of the container body. The insert has a base material, optionally a polymer, for providing structure to the insert, and a desiccant. The insert further has an opening leading to an interior compartment (102) configured for housing products and an outer surface (104) facing an inner surface of the container body. A void is provided between an exposed portion of the outer surface of the insert and a portion of the inner surface of the container body. At least one fluid pathway is provided between the void and the interior compartment of the insert.

USE OF SURFACE-TREATED CALCIUM CARBONATE AS OXYGEN SCAVENGER

Nº publicación BR112018013759A2  11/12/2018
Solicitantes OMYA INT AG [CH]
Resumen The present invention refers to the use of a surface-treated calcium carbonate-comprising material and/or magnesium carbonate-comprising material as oxygen scavenger; wherein the surface treatment agent is selected from the group consisting of ascorbic acid and/or salts thereof, gallic acid and/or salts thereof, unsaturated fatty acids and/or salts thereof, elemental iron, iron (II)-salts and iron (II)-comprising oxides, iron (II, III)-comprising oxides and mixtures thereof; and wherein the total weight of the surface treatment agent on the total surface area of the at least one calcium carbonate-comprising material and/or magnesium carbonate-comprising material is from 0.01 to 40 mg/m², based on the at least one calcium carbonate-comprising material and/or magnesium carbonate-comprising material.
CONTAINERS, CONTAINER INSERTS AND ASSOCIATED METHODS FOR MAKING CONTAINERS

Número de publicación: CO2018008855A2  30/11/2018
Solicitantes: CSP TECHNOLOGIES INC [US]
Resumen: A container includes a container body (201), optionally a lid (220), and an insert (100) secured, optionally fixedly secured within an interior of the container body. The insert has a base material, optionally a polymer, for providing structure to the insert, and a desiccant. The insert further has an opening leading to an interior compartment (102) configured for housing products and an outer surface (104) facing an inner surface of the container body. A void is provided between an exposed portion of the outer surface of the insert and a portion of the inner surface of the container body. At least one fluid pathway is provided between the void and the interior compartment of the insert.

PACKAGED MEDICINE-FILLED CONTAINER

Número de publicación: US2018339835A1  29/11/2018
Solicitantes: TERUMO CORP [JP]
Resumen: A packaged medicine-filled container has a resin-made medicine-filled container in which a medicine is housed, a sealed packaging body in which the medicine-filled container is housed, and an oxygen scavenger housed inside the packaging body. The packaging body is hardly oxygen-permeable. Both a moisture-dependent type oxygen scavenger and a self-reacting type oxygen scavenger are used as the oxygen scavenger.
CONTAINER WITH ABSORPTIVE PATCH

Nº publicación AR109432A1 28/11/2018
Solicitantes MJN US HOLDINGS LLC [US]
Resumen A container for particulate material includes a can end including a recessed concavity integrally formed in the can end and open to an inner chamber of the container. An absorptive material is disposed in the concavity. The absorptive material may absorb oxygen, moisture vapor, or both. At least one barrier layer is disposed between the concavity and the chamber.

Method for producing layered laminate with applied oxygen-absorbing adhesive film, method for producing layered laminate with applied bleaching adhesive film, the oxygen-absorbing layered laminate, layered bleached laminate, layered oxygen-absorbing bleached laminate, packaging and the application of those laminates

Nº publicación EP3402675A1 21/11/2018
Solicitantes DRUKPOL FLEXO SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA SP K [PL]
Resumen The invention relates to a method of making a layered laminate with an oxygen- absorbing adhesive layer, which consists in that in the first step the oxygen sorbent is introduced into the adhesive polyurethane system, to form an adhesive system absorbing oxygen, which is then applied to the surface of ribbon-bed layer and later dried, and in the second step a coating layer of thermoplastic material is applied on a layer of the adhesive system absorbing oxygen by a method of extrusion coating. The invention further provides a method of making a layered laminate with a whitening adhesive layer applied on it, and it also relates to an oxygen-absorbing layer laminate, bleached layered laminate, layered bleached laminate absorbing oxygen, and also to the use of the laminates for the manufacture of packaging in the food industry.
### KITS AND BOTTLE INSERTS

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<th>Nº publicación</th>
<th>US2018207129A2</th>
<th>15/11/2018</th>
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<tr>
<td>Solicitantes</td>
<td>LOG PLASTIC PRODUCTS 1993 LTD [IL]</td>
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<tr>
<td>Resumen</td>
<td>A bottle insert and a kit. The bottle insert may include one or more skip prevention elements.</td>
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### CONTAINER COMPRISING A RECESS IN THE CONTAINER WALL

<table>
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<th>Nº publicación</th>
<th>US2018327162A1</th>
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<tr>
<td>Solicitantes</td>
<td>ALPLA WERKE ALWIN LEHNER GMBH &amp; CO KG [AT]</td>
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<td>Resumen</td>
<td>The invention relates to a plastic container having a container wall delimiting an interior of the container, and an outlet on the container wall for pouring out a product contained in the plastic container. A recess that projects into the interior of the container and is provided for accepting a functional element is formed on the container wall, with the recess being accessible through an insertion hole.</td>
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VIAL WITH NON-ROUND SEAL

Nº publicación: EP3401233A1  14/11/2018
Solicitantes: CSP TECHNOLOGIES INC [US]
Resumen: Una caja hermética y reutilizable (10, 80, 120, 202, 214) está descrita con un tapa (18, 128) y cuerpo (12, 112). La tapa y el cuerpo tienen un sellado no circular (50, 78) que es hermético a la humedad cuando la tapa está encajada en el cuerpo, admitiendo menos de 1000 microgramos de agua al día a un paquete. Un reforzamiento (22 o 162) endurece o reforzará al menos una porción del sellado contra la deflexión hacia dentro según un eje (42) definido por el diámetro menor cuando la tapa está encajada en el cuerpo. Opcionalmente, el reforzamiento es al menos un eslabón (162) subdividiendo el reservorio. Un método de hacer dispensadores (10, 80, 120, 202, 214) para objetos (122, 124) de diferentes longitudes para personalizar particular dispensadores para dispensar tales objetos de una longitud particular también está descrito.

CONTAINER COMPRISING A RECESS IN THE CONTAINER WALL

Nº publicación: BR112018010620A2  13/11/2018
Solicitantes: ALPLA WERKE ALWIN LEHNER GMBH & CO KG [AT]
Resumen: La invención se refiere a un contenedor plástico (11) que consta de una pared del contenedor (13) delimitando un interior del contenedor, y una salida (12) en la pared del contenedor para vertir un producto contenido en el contenedor plástico (11). Un surco (15) que proyecta en el interior del contenedor se forma en la pared del contenedor (13), dicho surco (15) estando accesible a través de un orificio de inserción (19).
STABILISING COMPOSITION

No publicación: WO2018202791A1 08/11/2018
Solicitantes: ADDIVANT SWITZERLAND GMBH [CH]
Resumen: The invention concerns a stabilising composition, comprising: at least one antioxidant comprising one or more of: a phenolic antioxidant, a phosphite antioxidant, a sulphur-containing antioxidant, and an aminic antioxidant; and at least one buffering agent, wherein the buffering agent has the capacity to buffer in aqueous solution at a pH range from 4 to 8.

MINERAL ENTRAINED PLASTIC FORMULATIONS AS PUNCTURING ELEMENTS

No publicación: WO2018204525A1 08/11/2018
Solicitantes: CSP TECHNOLOGIES INC [US]
Resumen: Puncture elements and methods for using the same are disclosed. The puncture elements according to the disclosed concept include a cutting edge or a sharp and are composed of a mineral loaded polymer. The minerals of the mineral loaded polymer include an active agent, such as a desiccant. Optionally, the puncture elements are used to puncture a cover (e.g., foil seal) of a package.

POLYESTER BLENDS WITH IMPROVED OXYGEN SCAVENGING ABILITY

No publicación: US2018319983A1 08/11/2018
Solicitantes: M&G USA CORP [US]
Resumen: Disclosed herein is an oxygen scavenging composition for containers. The oxygen scavenging composition may comprise at least one polyester component, which is a copolyester containing a metal sulfonate salt group, a transition metal catalyst, and a vegetable oil. The vegetable oil may comprise at least one molecule having a double allylic structure. The copolyester containing a metal sulfonate salt group may comprise at least one acid unit and at least one diol unit. The concentration of the double allylic structures of the vegetable oil in the composition may be greater than 5.0 meq/kg of all of the polyester components. The composition may also be void of or substantially void of a polyamide.
A controllable atmosphere collapsible container for perishable goods comprises a sealable bag accommodating the perishable goods and means for controlling atmosphere therewithin. The bag is mechanically connected to collapsible frame further comprising: (a) a concatenate rectangular carrying sub-frame; (b) concatenate supporting members releasably connectable to the rectangular carrying sub-frame. The bag is downwardly housed into the rectangular carrying sub-frame and configured for accommodating the perishable goods.
Polymeric blends and thermoplastic compositions which can be used for making thermoplastic workpieces are provided. The polymeric blends and thermoplastic compositions comprise a copolyester and an oxygen scavenging polyester, and optionally an oxidation catalyst. These blends and compositions may be used for making heat-resistant rigid and transparent containers having a low gas permeability. These thermoplastic workpieces and containers may find numerous applications for food, beverage, medical, pharmaceuticals and cosmetic products, as well as for any other application for which it is desirable to inhibit exposure to oxygen during storage. Particular examples provided are bottles and jugs particularly that are useful for hot fill applications.
PACKAGING SYSTEM FOR OXYGEN-SENSITIVE DRUGS

Nº publicación AU2018236914A1 25/10/2018
Solicitantes FRESENIUS KABI DEUTSCHLAND GMBH
Resumen Described herein are pharmaceutical packaging systems which prevent oxidative degradation of oxygen-sensitive drugs, such systems including a primary packaging container with an oxygen permeable component, a secondary packaging with very low permeability to oxygen and an oxygen absorber.

SYRUP DISPENSING CUPS AND METHODS FOR IMPROVED SHELF-LIFE

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Solicitantes COCA COLA CO [US]
Resumen Syrup dispensing cups are provided that include a body structure that includes a first polyester or co-polyester resin with one or more first co-monomers incorporated into the first resin at a first mol % and having an intrinsic viscosity from about 0.45 dL/g to about 1.3 dL/g when measured at a temperature of 25°C. The body structure has a first opening that is sealed with a first sealing layer and a second opening sealed with a second sealing layer, in which each sealing layer includes a second PET-based co-polyester resin having one or more second co-monomers incorporated into the second resin at a second mol %, and the ratio of the first mole % to the second mol % is less than 1. Methods for or enhancing the shelf-life of syrup dispensing cups are also provided.
OXYGEN SCAVENGING POLYESTER COMPOSITIONS FOR CONTAINERS

Resumen

Disclosed herein is an oxygen scavenging composition for containers. The oxygen scavenging composition for containers may comprise at least one polyester component, a transition metal catalyst, an oxygen scavenger, and a vegetable oil. The vegetable oil preferably comprises at least one molecule having a double allylic structure. The polyester component preferably comprises at least one acid unit and at least one diol unit. The concentration of double allylic structures of the vegetable oil in the composition may be greater than 5.0 meq/kg of all of the polyester components. The oxygen scavenger is preferably present in the composition at a level less than 1.0% by weight of the total composition. The vegetable oil is preferably present in the composition at a level greater than 0.3% by weight relative to the total weight of the polyester components, the transition metal catalyst and the vegetable oil.

Resealable and Tamper Evident Bag for Collection of Materials

Resumen

A recycling bag and a method for incorporating the bag into a recycling program are provided. The bag and method include a resealable bag including a tamper evident seal having a unique identifier. The unique identifier is associated with a user. The recyclable contents of the bag are appraised and a valuation metric are assigned to the user upon recycling.

PACKAGING MATERIALS

Resumen

The use of a palladium-doped zeolite for the adsorption of volatile organic compounds is described wherein the zeolite has a CHA framework type and is polymer-bound. Such zeolites have been found to have particular utility as packaging materials for the adsorption of volatile organic compounds, such as those originating from organic matter.

PROCEDURE FOR OBTAINING AN ETHYLENE ABSORBENT PAPER AND THE PRODUCT OBTAINED BY SAID MEANS

Resumen

The procedure is designed for obtaining containers aimed at carrying fruit and vegetable, so that said containers, thanks to the coated paper (1) they comprise, are able to absorb the ethylene released by said fruit and vegetable during the ripening thereof, and thus slow down said ripening process in order to extend the shelf life of said vegetable produce. In order to do so, a series of ethylene absorbent minerals is added to a water-based varnish (2), with said varnish (2) being applied homogeneously to the paper (1) or cardboard that will comprise the container, which allows said coating to absorb the aforementioned ethylene released by the fruit or vegetable.