

Patent Alert 2020-09

*Centexbel-VKC
INFO 2020-09*

*innovations and
trends in textile and
plastic*



PACKAGING

November 2020

Packaging films made of recycled plastics

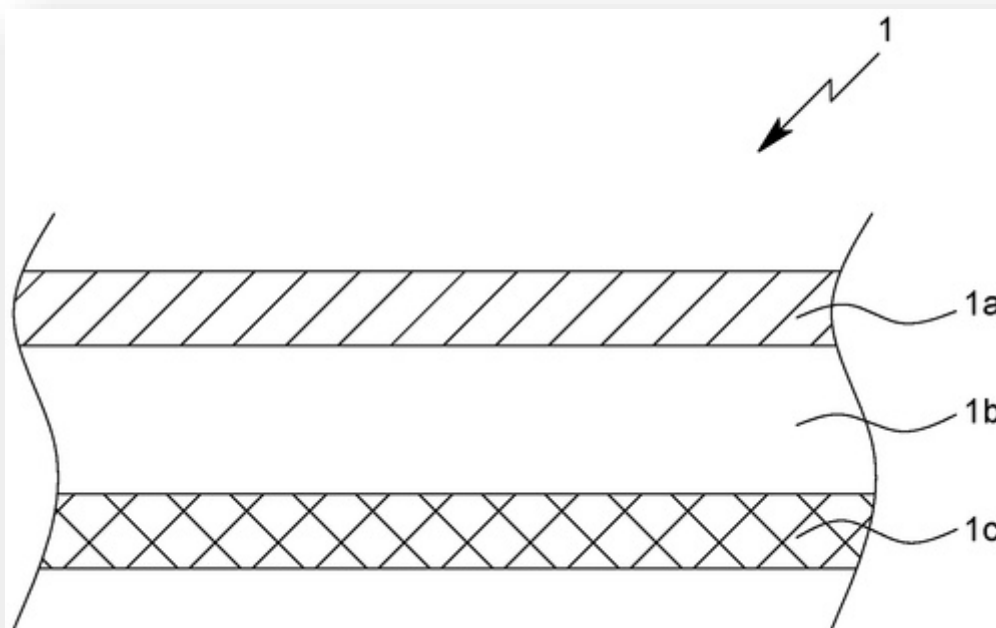
Patent # US20200189844

Date of publication: 2020-10-22

Applicant(s): KBG KUNSTSTOFF BETEILIGUNGEN

Inventor(s): RIEKER FRANK

Multilayer plastic film (1), in particular multilayer plastic composite film, preferably multilayer plastic packaging film, based on recycled plastic (recycled plastic), in particular based on recycled plastic originating from waste, wherein the plastic film (1) comprises a layer composite of at least three film layers (1 a, 1 b, 1 c, 1 d, 1 e, 1 f, 1 b, 1 c), wherein the plastic film (1) and/or the layer composite comprises a first outer film layer (1 a) and a second outer film layer (1 c) and a carrier film layer (1 b) arranged between the first outer film layer (1 a) and the second outer film layer (1 c), wherein the plastic film (1) has a plastic recycle content of at least 80% by weight, based on the plastic film (1).



Smart packaging

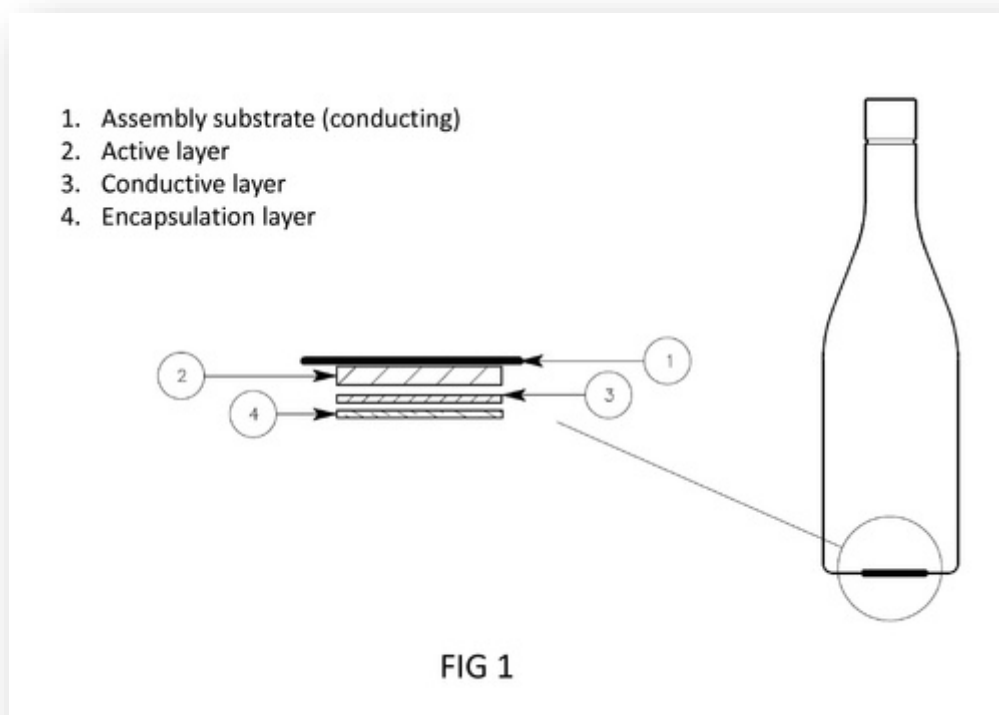
Patent # WO2019/238791

Date of publication: 2019-12-19

Applicant(s): ANHEUSER BUSCH INBEV

Inventor(s): THOMPSON KEENAN, HENDERSON CHARLES

The present invention is directed to a smart metal, glass, paper-based, wood-based, or plastic packaging comprising at least one sensor or communication device, characterized in that a structural component of the packaging forms a component of the at least one sensor or communication device. In addition, the present invention is directed to a method for manufacturing a smart packaging is provided comprising the steps of manufacturing a packaging and constituting at least one sensor or communication device on or in the packaging, wherein a structural component of the packaging is taken for constituting a component of the at least one sensor or communication device.



Packaging with radio-frequency authentication system for packaged product

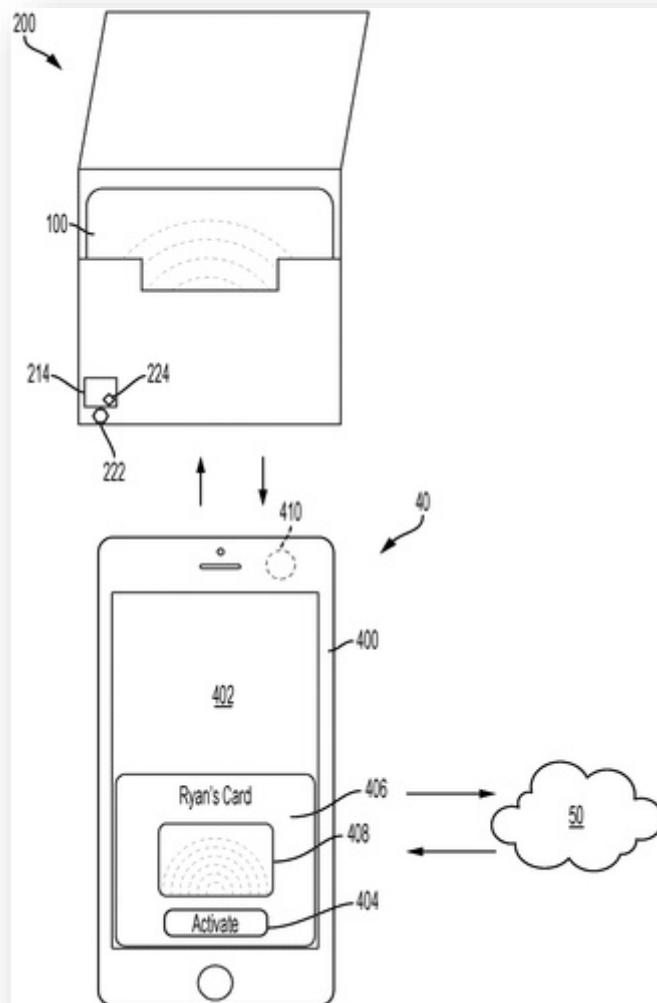
Patent # US10807766

Date of publication: 2020-09-17

Applicant(s): Apple

Inventor(s): Uyeda Mark T., Krajewski Katherine O.

A product with packaging includes an envelope having a cavity. An NFC chip may be embedded in the packaging. The NFC chip may be passive and may connect to the electronic device of the specific user, and once connected may initiate or carry out an authentication process or activation process.



Child-proof packaging

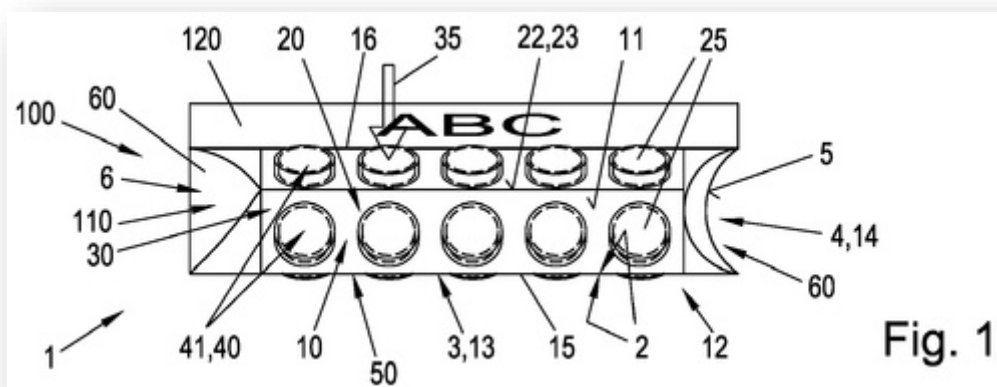
Patent # EP3696113

Date of publication: 2020-08-19

Applicant(s): IDEEWISS

Inventor(s): WÖTZER PHILIPP

Child-resistant packaging (1), which comprises at least one blister card (10), known per se, with a carrier film (20) and a cover film (30), wherein the carrier film (20) forms, with at least one blister cavity (25) for receiving a packing product (40), a top side (11) of the blister card (10), and the cover film (30) is connected extensively to the carrier film (20), closes the blister cavity (25) filled with the packing product (40), and forms an underside (12), located opposite the top side (11), of the blister card (10). At least one backing card (50) is fastened in a movable manner at two opposite side edges (15, 16) or peripheral portions (17, 18) of the blister card (10), said backing card (50) resting in a planar manner against the underside (12) of the blister card (10) in a securing position (70) and in the process securing the enclosed packing product (40) against unintentional removal, wherein the backing card (50) is transferable reversibly from the securing position (70) into a removal position (80) by means of external force application (90) by mirror-inverted compression (91, 92) of two mutually opposite packaging portions (5, 6), wherein, during the external force application (90), the backing card (50) is spaced apart from the underside (12) of the blister card (10), forming a packaging interior (100), and the packing product (40) can be released into and removed from the packaging interior (100) by pushing through (35) the cover film (30). (From WO2020165267 A1)



Protective packaging for garments

Patent # DE202019104534

Date of publication: 2019-11-21

Applicant(s): REINECKE LARS

Inventor(s): REINECKE LARS

Protective packaging (1) for receiving articles, especially articles (21) of clothing, to form a cavity (14) a back (2) side, a front (5) side and at least one face (3, 4, 8, 12) comprises, - wherein the at least one face (3, 4, 8, 12) for connecting the back (2) side of the front side (5), and - the back (2) and/or the front (5) and/or the at least one face (3, 4, 8, 12) at least one, at least one cellulose containing material (13) are manufactured.

Vapor deposition mask package and packaging device for vapor deposition mask

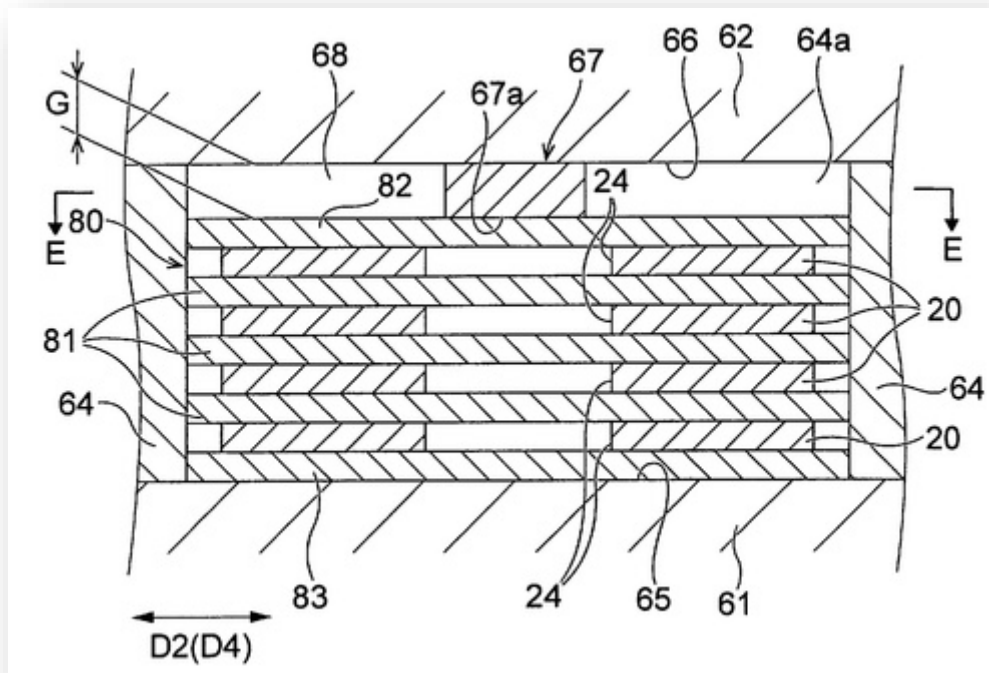
Patent # WO2019/188715

Date of publication: 2019-10-03

Applicant(s): DAI NIPPON PRINTING

Inventor(s): WATANABE Takeru, Range Shogun

A vapor deposition mask package according to one embodiment of the present disclosure comprises a first base section, a second base section facing the first base section, and a vapor deposition mask arranged between the first base section and the second base section, and in which a plurality of through-holes are formed. Spacers are arranged on both sides of the deposition mask in the width direction. A first sheet is arranged between the deposition mask and the second base section. The second base section has a protruding section arranged on at least one of the two end portions in the lengthwise direction of the vapor deposition mask, in a plan view. The protruding section presses the first sheet. At the periphery of the protruding section a gap is formed between the first sheet and the second base section.



Defect-indicating gasket for sterilization container

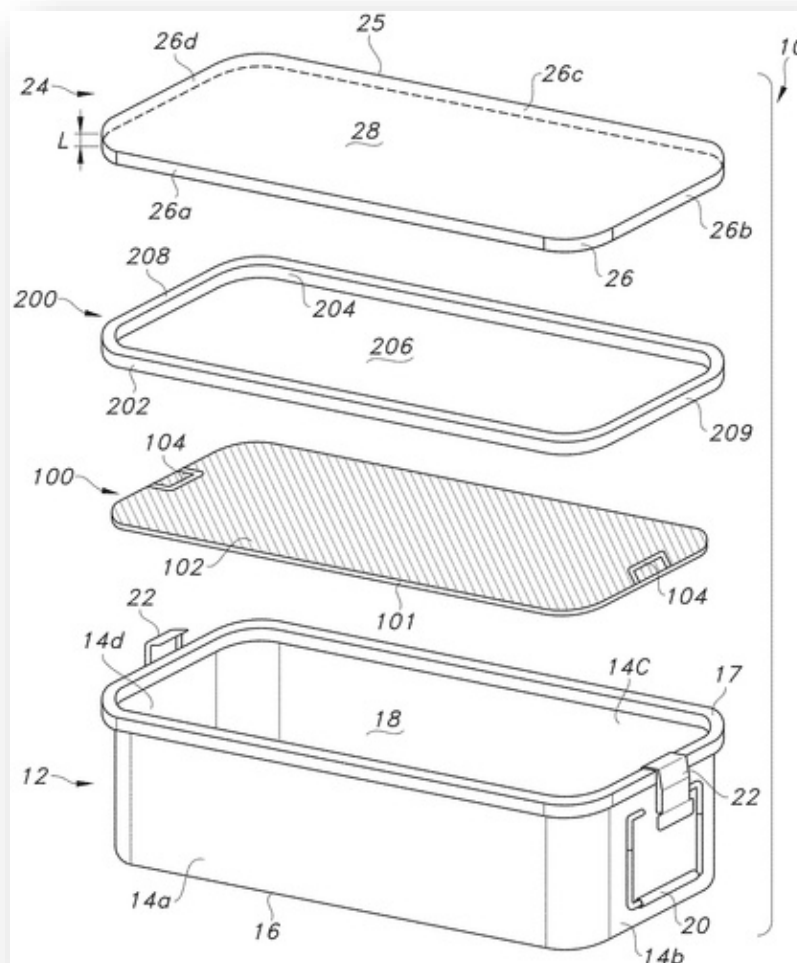
Patent # US20200277115

Date of publication: 2020-09-03

Applicant(s): O & M HALYARD

Inventor(s): MITHANI NAMITA A

A sterilization packaging system with features for sealing a volume against an ingress of contaminants is provided. Such features include a sealing gasket and a sheet of filter material. The gasket seals a lid to a seal rim of a container base of the sterilization packaging system. The gasket can enable quick identification of punctures, holes, tears, etc. so that the user notices immediately that the seal has been breached and that the contents of the sterilization packaging have been exposed to the outside environment.



Packaging system for radioactive waste

Patent # US20200118700

Date of publication: 2020-04-16

Applicant(s): PACTEC

Inventor(s): SCHILLING MICHAEL, SANCHEZ MICHAEL, TOWN TROY, SMART WILLIAM

A method of packaging a radioactive waste including the steps of: (a) providing a containment enclosure having (i) an outer polymeric fabric layer and (ii) an inner polymeric fabric layer, wherein the outer and inner polymeric fabric layers are thermally stable to -40°F .; (b) placing a radioactive waste within the inner polymeric fabric layer; and (c) closing an outer closeable flap on the outer polymeric fabric layer.

