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1	AU001991081074A1	[EN] PROCESS FOR PRODUCING CLOSURES OF PACKAGING CONTAINERS	
3	AU001993043171A1	" [EN] Sheet metal, polyurethane adhesive layer and polypropylene copolymer plastic foil composite material, process for producing the same and its use for producing packaging containers"	
5	AU001993043207A1	" [EN] Process for producing a metal-plastic film composite material, metal-plastic film composite material produced according to said process and its use for producing packaging containers"	
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14	AU002003232511A1	[EN] MULTI-LAYERED MATERIALS FOR PRODUCING PACKAGING	
15	AU002003232511A8	[EN] Multi-layered materials for producing packaging	
16	AU002003260324A1	[EN] METHOD FOR THE PRODUCTION OF CARDBOARD MADE OF CELLULOSE FIBRES FOR PACKAGING LIQUIDS	
17	AU002010332945A1	[EN] Cold sealed recloseable packaging and composition for the production thereof " [EN] The invention relates to a recloseable packaging having a cold sealed adhesive layer that can be reclosed after the packaging is opened, wherein the adhesive layer comprises a polymer in emulsion made of at least 60 wt% of main monomers selected from the group made up of C1 to C20-alkyl(meth)acrylates, vinyl esters of up to 20 C atoms comprising carboxylic acids, vinyl aromates having up to 20 C atoms, ethylene unsaturated nitriles, vinyl halogenides, vinyl ethers of alcohols comprising 1 to 10 C atoms, aliphatic hydrocarbons having 2 to 8 C atoms and one or two double bonds, and mixtures of said monomers, wherein the polymer in emulsion can be produced by means of emulsion polymerization of radically polymerizable monomers in the presence of at least one protective colloid. The invention further relates to aqueous polymer dispersions suitable for producing the packaging according to the invention, and to polymer films coated with the polymer dispersion. "	
19	AU002012264906A1	[EN] Paper and cardboard packaging featuring a barrier coating comprising a polymer mixture " [EN] A description is given of paper or cardboard packaging comprising recycled paper which has been exposed to mineral oil, said packaging having a barrier layer which can be produced by application of an aqueous polymer dispersion comprising a mixture of at least two polymers A and B. Polymer A is preparable by emulsion polymerization of C1 to C4 alkyl (meth)acrylates, acid monomers, for example acrylic acid or methacrylic acid, 0% to 20% by weight of acrylonitrile and 0% to 10% by weight of further monomers, the glass transition temperature of the copolymer A being greater than +45°C and the glass transition temperature of polymer B being less than +10°C. The average value calculated from the glass transition temperatures of the individual polymers is situated in the range from +10°C to +45°C. The barrier layer may be located on one of the packaging surfaces, or may form one of a plurality of layers of a multi-layer packaging coating, or may be located as a coating on one side ..."	
20	AU002012264927A1	[EN] Paper and cardboard packaging with barrier coating " [EN] A description is given of paper or cardboard packaging made from recycled paper with mineral oil contamination, the packaging having a barrier layer which can be produced by applying an aqueous polymer dispersion comprising a copolymer which is preparable by emulsion polymerization of C1 to C4 alkyl (meth)acrylates, acid monomers, such as acrylic acid or methacrylic acid for example, 0% to 20% by weight of acrylonitrile and 0% to 10% by weight of further monomers, the glass transition temperature of the copolymer being situated in the range from +10 to +45°C. The barrier layer may be located on one of the packaging surfaces, or may form one of a plurality of layers in a multi-layer packaging coating, or may be located as a coating on one side of an inner pouch situated within the packaging. "	
21	CA000002047184A1	[EN] PROCESS FOR THE PREPARATION OF CLOSURES FOR PACKAGING CONTAINERS " [EN] PCT No. PCT/EP90/00136 Sec. 371 Date Sep. 27, 1991 Sec. 102(e) Date Sep. 27, 1991 PCT Filed Jan. 25, 1990 PCT Pub. No. WO90/10041 PCT Pub. Date Sep. 7, 1990. The present invention relates to a process for the preparation of closures for imperviously sealing packaging containers, by which a sealing composition is applied and stoved onto the inside of the closures, wherein the sealing composition contains A) 65 to 93% by weight of a liquid, blocked diisocyanate B) 2 to 15% by	

weight of a liquid diamine and/or polyamine C) 0 to 25% by weight of pigments and/or fillers D) 0 to 20% by weight of one or more reactive diluents E) 0 to 8% by weight of auxiliaries and additives, where the sum of the proportions by weight of the components A to E is 100% by weight in each case. The present invention furthermore relates to the closures prepared by the process according to the invention and also to packaging containers which contain these closures. "

22 CA000002047184C [EN] PROCESS FOR THE PREPARATION OF CLOSURES FOR PACKAGING CONTAINERS [FR] PROCÉDE DE PRÉPARATION DES FERMETURES DE CONDITIONNEMENT " [EN] The invention relates to a process for the preparation of closures for imperviously sealing packaging containers, by which a sealing composition is applied and stoved onto the inside of the closures, wherein the sealing composition contains (A) 65 to 93% by weight of a liquid, blocked diisocyanate; (B) 2 to 15% by weight of a liquid diamine and/or polyamine; (C) 0 to 25% by weight of pigments and/or fillers; (D) 0 to 20% by weight of one or more reactive diluents; (E) 0 to 8% by weight of auxiliaries and additives, wherein the sum of the proportions by weight of the components A to E is 100% by weight in each case. The invention furthermore relates to the closures prepared by the process according to the invention and also to packaging containers which contain these closures. "

24 CA000002096643A1 [EN] POWDERED VARNISH AND ITS USE FOR COATING THE INSIDES OF PACKAGING CONTAINERS AND FOR COVERING WELD SEAMS " [EN] The object of the invention is a powdered varnish which: 1) contains at least one polyester with an acid number of 25 to 120 mgKOH/g and an OH number \geq 10 mgKOH/g and at least one epoxy resin with an epoxy equivalent weight of 400 to 3000; 2) for covering weld seams has such a grain size distribution that at least 90 % mass of the powdered varnish particles have a particle size between 1 and 100 μm , the maximum particle size of the powdered varnish particles is 150 μm , the average size of the powdered varnish particles lies between \geq 20 and 60 μm and the gradient of the grain distribution curve at the knee is \geq 50, or 3) for the internal coating of packaging containers has such a grain sized distribution that at least 90 % mass of the powdered varnish particles have a particle size of between 1 and 60 μm , the maximum size of the powdered varnish particles is 100 μm , the average size of the powdered varnish particles lies between 5 and 20 μm and the ..."

25 CA000002128003A1 [EN] Powdered Lacquer and Its Use as an Internal Coating in Packaging Containers " [EN] PCT No. PCT/EP93/00243 Sec. 371 Date Aug. 10, 1994 Sec. 102(e) Date Aug. 10, 1994 PCT Filed Feb. 3, 1993 PCT Pub. No. WO93/16141 PCT Pub. Date Aug. 19, 1993 The present invention relates to a powder coating, in particular for internal coating of packaging containers, which is characterized in that it 1.) comprises at least one epoxy resin having an epoxide equivalent weight of from 300 to 5500 and at least one hardener having more than one phenolic hydroxyl group per molecule and a hydroxyl equivalent weight, based on the phenolic OH groups, of from 100 to 500, and 2.) has a particle size distribution such that at least 90 percent by weight of the powder coating particles have a particle size of between 1 and 60 μm , the maximum particle size of the powder coating particles is \leq 100 μm , the mean particle size of the powder coating particles is between 5 and 20 μm and the gradient of the particle distribution curve at the point of inflexion is \geq 100. "

26 CA000002136746A1 " [EN] PROCESS FOR PRODUCING A METAL-PLASTIC FILM COMPOSITE MATERIAL, METAL-PLASTIC FILM COMPOSITE MATERIAL PRODUCED ACCORDING TO SAID PROCESS AND ITS USE FOR PRODUCING PACKAGING CONTAINERS [FR] PROCÉDE ..." " [EN] Production of a metal-plastic film laminate, the metalplastic film laminate, and use thereof for manufacturing packaging containers. The present invention relates to a process for producing a metal-plastic film laminate by slot die extrusion of random polypropylene copolymer as a film which, on emerging from the slot die, is cooled by means of chill rolls and laminated onto at least one of the main surfaces of a metal sheet, which comprises quenching the polypropylene copolymer to temperatures between 0.degree.C and 15.degree.C directly on emerging from the slot die of the extruder and, after the plastic film has been laminated to the metal sheet by means of a solvent-containing or aqueous adhesive, cooling the resulting metal-plastic film laminate to temperatures of 0.degree.C to 25.degree.C when the laminating of the film of the metal sheet has taken place at temperatures above the melting point of the polypropylene copolymer of the plastic film, or, after the plastic film has ..."

27 CA000002136992A1 " [EN] METAL SHEETING/POLYURETHANE ADHESIVE LAYER/POLYPROPYLENE COPOLYMER PLASTIC FILM COMPOSITE, PROCESS FOR ITS PRODUCTION, AND ITS USE FOR THE PRODUCTION OF PACKAGING CONTAINERS [FR] PELLICULE PLASTIQUE ..." " [EN] : Metal sheeting/polyurethane adhesive layer/ polypropylene copolymer plastic film composite, process for its production, and its use for the production of packaging containers. The present invention relates to metal sheeting/polyurethane adhesive layer/polypropylene copolymer plastic film composites in which the adhesive layer is obtained from a solvent-containing two-component polyurethane adhesive. The polypropylene copolymer plastic film essentially or fully comprises random polypropylene copolymer obtainable by random copolymerization of from 1 to 8% by weight of ethylene and/or further .alpha.-monoolefins, with the exception of propylene, and from 99 to 92% by weight of propylene, based on the

total weight of the monomer composition, the polypropylene copolymer having a molecular weight distribution Mw:Mn in the range from 2 to 8 and a melt flow index MFI 230.degree.C/2.16 kg in the range from 5 to 10 g/10 min. "

28 CA000002144054A1 [EN] PROCESS FOR THE PRODUCTION OF CLOSURES OF PACKAGING CONTAINERS [FR] METHODE POUR L'OBTENTION D'OPERCULES DE RECIPIENTS D'EMBALLAGE "

[EN] The present invention relates to a process for the production of metallic closures for tightly sealing packaging containers, in which a sealing compound is applied to the inside of the closures, which are punched from metal sheets laminated with at least one plastics sheet. The process is characterized in that a halogen-free, solvent-free sealing compound is melted and is applied to the inside of the closures. The present invention also relates to packaging containers having a closure, the latter having been produced by the process according to the invention. "

29 CA000002154863A1 [EN] Powdered Varnish and Its Use for Coating the Insides of Packaging Containers and for Covering Weld Seams " [EN] The object of the invention is a powdered varnish which: 1) contains at least one polyester with an acid number of 25 to 120 mgKOH/g and an OH number > 10 mgKOH/g and at least one epoxy resin with an epoxy equivalent weight of 400 to 3000; 2) for covering weld seams has such a grain size distribution that at least 90 % mass of the powdered varnish particles have a particle size between 1 and 100 μm , the maximum particle size of the powdered varnish particles is 150 μm , the average size of the powdered varnish particles lies between >20 and 60 μm and the gradient of the grain distribution curve at the knee is >50, or 3) for the internal coating of packaging containers has such a grain sized distribution that at least 90 % mass of the powdered varnish particles have a particle size of between 1 and 60 μm , the maximum size of the powdered varnish particles is 100 μm , the average size of the powdered varnish particles lies between 5 and 20 μm and the ..."

30 CA000002198804A1 [EN] POWDER COATING FOR PACKAGING CONTAINERS [FR] POUDRE DE REVETEMENT POUR CONTENANTS D'EMBALLAGE " [EN] The present invention relates to a powder coating for application to packaging containers, 1) the powder coating comprising A) at least one thermoplastic, B) if desired, at least one thermoset, preferably an epoxy resin having an epoxy equivalent weight of from 400 to 3000, C) if desired, pigments, fillers, catalysts, typical powder coating additives such as degassing agents, levelling agents, free-radical scavengers and antioxidants, and 2) the powder coating having a particle-size distribution such that a) at least 90 percent by mass of the powder-coating particles have a size of between 1 and 120 μm , b) the maximum size of the powder-coating particles is $\sim 150 \mu\text{m}$ for at least 99 percent by mass of the particles, and c) the mean size of the powder-coating particles is between 1 and 60 μm , preferably from 1 to 30 μm . "

32 CA000002224864A1 [EN] AQUEOUS POWDER COATING DISPERSION FOR PACKAGING CONTAINERS [FR] DISPERSION AQUEUSE DE LAQUE EN POUDRE POUR CONTENANTS SERVANT D'EMBALLAGE " [EN] The present invention concerns an aqueous powder coating dispersion based on epoxy resins and phenolic hardeners or carboxyl group-containing polyesters for coating packing containers. The powder coating dispersion comprises a solid powdery component (I) and an aqueous component (II), component (I) being a powder coating: 1) which comprises: A) at least one epoxy resin having an epoxide equivalent weight of between 300 and 5500; and B) at least one hardener having more than one phenolic hydroxyl group per molecule and a hydroxyl equivalent weight, relative to the phenolic OH groups, of between 100 and 500, preferably between 200 and 300; or C) at least one polyester with an acid number of between 25 and 120 mg KOH/g and an OH number of more than 10 mg KOH/g; and D) at least one epoxy resin with an epoxide equivalent weight of between 400 and 3000; and which 2) optionally comprises catalysts, auxiliary aids and additives typical of powder coatings, such as degassing agents, levelling ..."

33 CA000002423518A1 " [EN] USE OF WATER-SOLUBLE OR WATER-DISPERSIBLE GRAFT POLYMERS CONTAINING POLYETHER BLOCKS AS COATING COMPOSITIONS AND PACKAGING MATERIALS FOR LAUNDRY DETERGENTS, CLEANING PRODUCTS, AND LAUNDRY TREATMENT ..." [EN] The invention relates to the use of water-soluble or water-dispersible, film-forming graft polymers, which are obtainable by radical polymerisation of (a) vinyl esters of aliphatic C1-C24 carboxylic acids in the presence of, (b) polyethers with an average molecular weight (average number) of at least 300, as coating material for particle shaped washing and cleaning agents, and as packaging for washing, cleaning and laundry treating agents for producing individual portions for dosing said agents in the cleaning process together with the packaging. "

34 CA000002450386A1 " [EN] USE OF WATER-SOLUBLE OR WATER-DISPERSIBLE, POLYETHER BLOCK CONTAINING GRAFT POLYMERS AS COATING AGENTS, MATRIX FORMERS AND/OR PACKAGING MATERIALS FOR AGROCHEMICALS [FR] UTILISATION DE POLYMERES ..." " [EN] The invention relates to water-soluble or water-dispersible, film-forming graft polymers which are obtained by radical polymerization of (a) the vinyl esters of aliphatic C1-C24 carboxylic acids in the presence of (b) the polyethers having an average molecular weight (number average) of at least 300 of the general formula

(I), wherein the variables independently have the following meanings: R1 represents hydroxy, amino, C1-C24 alkoxy, R9-COO-, R9 - NH-COO-, a polyalcohol group; R2 to R7 represent -(CH2)2-, -(CH2)3-, -(CH2)4-, -CH2-CH(CH3)-, -CH2-CH(CH2-CH3)-, -CH2-CHOR10-CH2-; R8 represents hydrogen, amino-C1-C6 alkyl, C1-C24 alkyl, R9-CO-, R9-NH-CO-; R9 represents C1-C24 alkyl; R10 represents hydrogen, C1-C24 alkyl, R9-CO-; A represents -CO-O-, -CO- B-CO-O-, -CO-NH-B-NH-CO-O-; B represents -(CH2)t- or optionally a substituted arylene; n is 1 or, if R1 is a polyalcohol group, n is 1 to 8; s is 0 to 500; t is 1 to 12; u is 1 to 5000; v is 0 to 5000; w is 0 to 5000; x is 1 ..."

35 CA000002482674A1 [EN] MULTI-LAYERED MATERIALS FOR PRODUCING PACKAGING [FR] MATERIAUX MULTICOUCHES SERVANT A LA PRODUCTION D'EMBALLAGES " [EN] Multi-layered materials for producing packaging comprising at least 2 sheets and a layer printed with a printing ink, wherein the printing ink contains a hyper-branched polyester comprising functional groups. Printing ink containi ng a polyester comprising functional groups. Use of said printing ink in the production of multi-layered materials. "

36 CA000002525626A1 [EN] PACKAGING MATERIAL CONSISTING OF AN AT LEAST DOUBLE-LAYERED COMPOSITE MATERIAL FOR PRODUCING CONTAINERS FOR PACKING LIQUIDS [FR] MATERIAU D'EMBALLAGE COMPOSITE DOTE D'AU MOINS DEUX COUCHES ET ... " [EN] The invention relates to a packaging material consisting of an at least double-layered composite comprising paper or cardboard which is glued into the mass by means of a polymer gluing agent and at least one film which is impermeable to water, for producing containers for packing liquids. The invention also relates to the use of paper products for producing containers for packing liquids, especially drinks, said paper products being respectively obtained by (i) gluing a paper material consisting of an aqueous suspension of cellulose fibres into the mass by means of at least one polymer gluing agent or a polymer gluing agent and an aqueous dispersion of an alkyl ketene dimer or the mixtures thereof in the presence of a retention agent and optionally a water-soluble aluminium compound and optionally at least one cationic polymer, (ii) the paper material is drained on the wire of a paper machine, (iii) the paper product is dried, and (iv) the paper product is laminated on ..."

37 CA000002586722A1 [EN] PACKAGING ASSEMBLY FOR FLOWABLE MATERIALS [FR] ENSEMBLE D'EMBALLAGE DESTINE A DES MATERIAUX FLUIDES " [EN] The present invention is directed to a packaging assembly for flowable materials comprising a casing (1) having at least one opening (9), a valve assembly (7) mounted in the opening (9) of the casing (1) and a flexible liner (23) for accommodating the flowable material, said flexible liner (23) being housed in the casing (1) and connected to the valve assembly (7), whereby the valve assembly (7) comprises a dry break extractor valve (17) for closed transfer dispense of the flowable material. "

39 CA000002733755A1 [EN] METHOD OF PRODUCING PACKAGING HAVING FAT BARRIER PROPERTIES [FR] PROCEDE DE FABRICATION D'EMBALLAGES AYANT DES PROPRIETES DE BARRIERE AUX GRAISSES " [EN] A process is described for manufacture of packaging, wherein the packaging surface is coated with a polyelectrolyte complex and wherein the polyelectrolyte complex consists of at least one first polymer and at least one second polymer, wherein the first polymer is an anionic polymer and the second polymer is a cationic polymer. The packagings are characterized by good grease barrier properties. "

41 CA000002782133A1 [EN] USE OF METAL COMPLEXES AS OXYGEN ABSORBER/SCAVENGER ELEMENTS FOR PACKAGING APPLICATIONS [FR] UTILISATION DE COMPLEXES METALLIQUES COMME ELEMENTS ABSORBEURS/ELIMINATEURS D'OXYGENE POUR DES APPLICATIONS ... " [EN] An oxygen-scavenging composition comprising (I) a polymeric resin, (II) a metal organic oxidation additive based on a chelating aromatic or non aromatic amine and transition metal complex, (III) a sacrificial oxidizable substrate, and optionally (IV) additional components, and further an article containing said oxygen-scavenging composition and the use of said oxygen-scavenging composition in food packaging. "

42 CA000002831965A1 [EN] CELLULOSIC BARRIER PACKAGING MATERIAL [FR] MATERIAU D'EMBALLAGE A BARRIERE CELLULOSIQUE " [EN] A barrier packaging material containing a composite which comprises i) a cellulosic layer; ii) at least one metal layer which will dissolve under alkaline conditions; and iii) at least one polymer layer, in which the polymer is hydrolysable under alkaline conditions. The invention also relates to articles comprising the barrier packaging material. Further, the invention concerns the use of a polymer, which is hydrolysable under alkaline conditions, as a protective layer in barrier packaging products. In addition the present application is also concerned with a method for recycling the aforementioned barrier packaging products. Specifically the barrier packaging products are initially taken in an aqueous wastepaper suspension which is either pulped in an alkaline medium and/or treated in an alkaline medium in a deinking process and in which the metal and polymer are then separated from the cellulosic fibres contained in the cellulosic layer. "

43 CA000002835273A1 [EN] PAPER AND CARDBOARD PACKAGING WITH BARRIER COATING [FR] EMBALLAGES EN PAPIER ET EN CARTON COMPRENANT UN REVETEMENT DE BARRIERE " [EN] A description is given of paper or cardboard packaging made from recycled paper with mineral oil

contamination, the packaging having a barrier layer which can be produced by applying an aqueous polymer dispersion comprising a copolymer which is preparable by emulsion polymerization of C1 to C4 alkyl (meth)acrylates, acid monomers, such as acrylic acid or methacrylic acid for example, 0-20% by weight of acrylonitrile and 0% to 10% by weight of further monomers, the glass transition temperature of the copolymer being situated in the range from +10 to +45°C. The barrier layer may be located on one of the packaging surfaces, or may form one of a plurality of layers in a multi-layer packaging coating, or may be located as a coating on one side of an inner pouch situated within the packaging. "

44 CA000002835725A1 [EN] PAPER AND CARDBOARD PACKAGING WITH BARRIER COATING OF A POLYMER MIXTURE [FR] EMBALLAGES EN PAPIER ET EN CARTON MUNIS D'UN REVETEMENT BARRIERE CONSTITUE D'UN MELANGE DE POLYMERES " [EN] A description is given of paper or cardboard packaging comprising recycled paper which has been exposed to mineral oil, said packaging having a barrier layer which can be produced by application of an aqueous polymer dispersion comprising a mixture of at least two polymers A and B. Polymer A is preparable by emulsion polymerization of C1 to C4 alkyl (meth)acrylates, acid monomers, for example acrylic acid or methacrylic acid, 0-20% by weight of acrylonitrile and 0% to 10% by weight of further monomers, the glass transition temperature of the copolymer A being greater than +45°C and the glass transition temperature of polymer B being less than +10°C. The average value calculated from the glass transition temperatures of the individual polymers is situated in the range from +10°C to +45°C. The barrier layer may be located on one of the packaging surfaces, or may form one of a plurality of layers of a multi-layer packaging coating, or may be located as a coating on one side of an ..."

45 CA000002857715A1 [EN] PAPER AND CARDBOARD PACKAGING WITH BARRIER COATING [FR] EMBALLAGE PAPIER ET CARTON AVEC COUCHE DE BARRAGE" [EN] Described is paper or cardboard packaging produced from mineral oil contaminated, (e.g., recycled) paper, wherein the packaging includes a barrier layer obtainable by applying an aqueous polymer dispersion comprising a copolymer obtainable by emulsion polymerization of C1-C4 alkyl (meth)acrylates, acid monomers, e.g., acrylic acid or methacrylic acid, 0-20 wt% of acrylonitrile and 0 to 10 wt% of further monomers in an aqueous medium in the presence of a carbohydrate compound, preferably in the form of a degraded starch, wherein the glass transition temperature of the copolymer is in the range from +10 to +45°C. The barrier layer may be situated on one of the surfaces of the packaging or form one of multiple layers of a multilayered packaging coating or be situated as a coating on one side of an inner bag situated within the packaging. "

46 CA000002919793A1 [EN] MULTILAYER COMPOSITION FOR PACKAGING [FR] COMPOSITION MULTICOUCHE POUR EMBALLAGE " [EN] A multilayer composition for packaging comprising a first polymer film, a second film, at least one print layer between the films and a 1 K isocyanate prepolymer adhesive layer between the at least one print layer and one of the films, where the print layer contains a hyperbranched polyester binder containing functional groups selected from the group consisting of -OH, -COOH and -COOR, where R is methyl, ethyl, vinyl, isopropyl, n-propyl, n-butyl, isobutyl, sec-butyl or tert-butyl provides packaging laminates with excellent adhesion. The hyperbranched polyester is for example a polymer of trimethylolpropane and hexahydrophthalic anhydride and optionally a cycloaliphatic diol. "

47 CA000003000532A1 [EN] PREPARATION OF RETORT PACKAGING INK THROUGH CROSS-LINKING OF POLYURETHANE RESINS [FR] PREPARATION D'UNE ENCRE D'EMBALLAGE STERILISABLE EN AUTOCLAVE PAR LA RETICULATION DE RESINES POLYURETHANE " [EN] A method of preparing a retort packaging article includes: providing a sealable packaging; applying an ink to an outer surface of the sealable packaging; and overlaying a substantially transparent lamination layer over the ink and enveloping at least a portion of the sealable packaging. The ink contains a styrene-acrylic resin, which has anhydride functionality, and a polyurethane resin. "

48 CN000001021035C " [EN] PACKAGING FOR ARTICLES, IN PARTICULAR THOSE HAVING RIGHT PARALLELEPIPED SHAPE"

50 CN000001166852A " [EN] Coating agents based on sterically stablized, non-aqueous dispersion, process for their preparation and their use coating packaging"" [EN] The invention concerns coating agents based on a sterically stabilized, non-aqueous dispersion which can be prepared by reacting, in an organic solvent in the presence of a dispersion stabilizer, at least one epoxy resin (A) having on average at least 2 epoxy groups per molecule, with at least one diol (B) of the formula HOROH (I), in which R is a group of the formula -Ph-D-Ph- (II), wherein -Ph- is a phenylene group and D is a methylene or propylene group, and optionally with a further component (C), which comprises groups which are reactive to epoxy or hydroxyl groups. The invention is characterized in that: i) the non-aqueous dispersion is prepared in that: 1) in a first step the epoxy resin component (A) is reacted with at least one diol (B) and optionally the component (C) to form a reaction product which contains as end groups phenolic hydroxyl groups and has a phenoxy equivalent weight of at least 246; and 2) subsequently, in step (2), 50 to 100 % of the phenolic hydroxyl ..."

51 CN000001268705C [EN] Use of anti-adhesive packaging materials for packaging chemicals and food " [EN] The present invention relates to the use of antiadhesive packaging materials for packaging

chemicals and foodstuffs, especially fine chemicals such as vitamins, carotenoids, fragrances and flavors, and pharmaceutical chemicals, and also for their formulations and preparations. "

52 CN000001516711A " [EN] Use of water-soluble or water dispersible, polyether block containing graft polymers as coating agents, matrix formers and/or packaging materials for agrochemicals" [EN] The use of a water soluble water dispersible film forming graft polymerisate comprises: (a) vinyl esters of 1-24C carboxylic acids, in the presence of (b) polyethers of mean number average molecular wt. 300 (I), as coating agents, matrix builders, and/or packaging materials for agrochemicals. The use of a water soluble water dispersible film forming graft polymerisate comprises: (a) vinyl esters of 1-24C carboxylic acids, in the presence of (b) polyethers of mean number average molecular wt. 300 of formula (I), as coating agents, matrix builders, and/or packaging materials for agrochemicals. $R \neq OH$, amino, 1-24C alkoxy, $R-COO$, $R-NH-COO-$, polyalkoxy; $R-R$; $R = (CH_2)_2, (CH_2)_3, (CH_2)_4, CH_2CH(CH_3), CH_2-CH(CH_2-CH_3), CH_2-CHOR-CH_2$ $R = H$, amino-1-6 alkyl, 1-24 alkyl, $R-CO$, $R-NH-CO$; $R = 1-24C$ alkyl; $R = H$, 1-24C alkyl, $R-CO$; A = COO, CO-B-COO, CONH-B-NH-COO; B = $(CH_2)_t$ or optionally ..."

54 CN000001791512A [EN] Packaging material consisting of an at least double-layered composite material for producing containers for packing liquids

55 CN000101228244A [EN] Sealable laminate for reclosable packaging " [EN] A multilayer laminate is composed of a) a backing, b) a pressure-sensitive adhesive layer applied directly to the backing, and c) a wax layer applied directly to the pressure-sensitive adhesive layer. "

57 CN000101389474A [EN] Use of coloured polymer systems for packaging " [EN] Carrier coated with a polymer system, is characterized in that the polymer system reflects electromagnetic radiation (Bragg reflection), the wavelength of the reflection can be changed when there is an elongation produced by a mechanical stress and the coated carrier is altogether so inelastic that, when the mechanical stress no longer occurs, the wavelength of the Bragg reflection is changed in comparison with the initial state. "

58 CN000101631634A [EN] Sealable laminate for resealable packaging " [EN] A multilayer laminate composed of at least: a) a backing, b) a layer of pressure-sensitive adhesive and c) a sealable layer, where the layer of pressure-sensitive adhesive is between the backing and the sealable layer, characterized in that the pressure-sensitive adhesive comprises a polymeric binder whose glass transition temperature is from -60 to -0 DEG C and whose gel content is smaller than 50% by weight (abbreviated hereinafter to adhesive polymer). "

60 CN000102131877A [EN] Process for manufacture of packaging with grease barrier properties " [EN] A process is described for manufacture of packaging, wherein the packaging surface is coated with a polyelectrolyte complex and wherein the polyelectrolyte complex consists of at least one first polymer and at least one second polymer, wherein the first polymer is an anionic polymer and the second polymer is a cationic polymer. The packagings are characterized by good grease barrier properties. "

62 CN000102271915B " [EN] Use of composite films as a packaging material for oxidation-sensitive polymers, method for packaging oxidation-sensitive polymers, and packaging forms containing said composite films"

63 CN000102596751A [EN] Ecological paper packaging for long-lasting insecticidal mosquito nets " [EN] The invention relates to packaging (1) for flexible sheet-like structures comprising a lower layer and an upper layer, which rest one upon the other along the peripheries, made of flexible, sheet-like material with a rupture pressure of at least 120 kPa, wherein a) the upper and the lower layers are connected to one another along at least 50% of their peripheries resting one upon the other, in relation to the total length of the peripheries resting one upon the other, b) at least one portion of the interconnected peripheries has segments connected to one another, and c) a further portion of the peripheries resting one upon the other is provided as an opening for the introduction of the flexible sheet-like structure. "

65 CN000102639625A [EN] Use of metal complexes as oxygen absorber/scavenger elements for packaging applications" [EN] An oxygen-scavenging composition comprising (I) a polymeric resin, (II) a metal organic oxidation additive based on a chelating aromatic or non aromatic amine and transition metal complex, (III) a sacrificial oxidizable substrate, and optionally (IV) additional components, and further an article containing said oxygen-scavenging composition and the use of said oxygen-scavenging composition in food packaging. "

68 CN000103492280A [EN] Cellulosic barrier packaging material " [EN] A barrier packaging material containing a composite which comprises i) a cellulosic layer; ii) at least one metal layer which will dissolve under alkaline conditions; and iii) at least one polymer layer, in which the polymer is hydrolysable under alkaline conditions. The invention also relates to articles comprising the barrier packaging material. Further, the invention concerns the use of a polymer, which is hydrolysable under alkaline conditions, as a protective layer in barrier packaging products. In addition the present application is also concerned with a method for recycling the aforementioned barrier packaging products. Specifically the barrier packaging products are initially taken in an aqueous wastepaper suspension which is either pulped in an alkaline medium and/or treated in an alkaline medium in a deinking process and in which the metal and polymer

are then separated from the cellulosic fibres contained in the cellulosic layer. "

72 CN000104428209A " [EN] Packaging for insecticide-impregnated nets, from which air can be evacuated"" [EN] The invention relates to packaging (10) for storing and transporting goods, from which packaging air can be evacuated, said packaging being divided into at least one filling area (12) for accommodating the goods and at least one carrying area (14) having at least one carrying handle (16) for transporting the accommodated goods, characterized in that a labyrinthine seam arrangement (18) is formed between the filling area (12) and the carrying area (14) for evacuating air via the carrying handle (16). The invention further relates to a method for producing such packaging (10). "

73 CN000105705331A [EN] Multilayer composition for packaging " [EN] The invention discloses a multilayer composition for packaging. The composition comprises a first polymer film, a second film, at least one print layer between the films and a 1 K isocyanate prepolymer adhesive layer between the at least one print layer and one of the films, where the print layer contains a hyperbranched polyester binder containing functional groups selected from the group consisting of -OH, -COOH and -COOR, where R is methyl, ethyl, vinyl, isopropyl, n-propyl, n-butyl, isobutyl, sec-butyl or tert-butyl provides packaging laminates with excellent adhesion. The hyperbranched polyester is for example a polymer of trimethylolpropane and hexahydrophthalic anhydride and optionally a cycloaliphatic diol. "

74 CN000108401425A [EN] PREPARATION OF RETORT PACKAGING INK THROUGH CROSS-LINKING OF POLYURETHANE RESINS" [EN] A method of preparing a retort packaging article includes: providing a sealable packaging; applying an ink to an outer surface of the sealable packaging; and overlaying a substantially transparent lamination layer over the ink and enveloping at least a portion of the sealable packaging. The ink contains a styrene-acrylic resin, which has anhydride functionality, and a polyurethane resin. "

75 CN000110015467A [EN] Packaging machine and discharge pipe assembly thereof " [EN] The invention discloses a discharge pipe assembly for a packaging machine with a discharge control valve and a packaging mechanism. The discharge pipe assembly comprises a pipe body and a shielding plate. Multiple convex lugs fixedly stretch from the outer surface of the pipe body, a first fixing hole is formed in the free end of each convex lug, and the multiple convex lugs are distributed on the same radial plane of the pipe body. The shielding plate is provided with a mounting hole and multiple second fixing holes, wherein the shielding plate sleeves the outer portion of the pipe body through the mounting hole and is fixed to the convex lugs through the second fixing holes, and the shielding plate is further fixed to a structural part of the packaging machine. The invention further relates to the packaging machine with the discharge pipe assembly. Compared with the prior art, the discharge pipe assembly has multiple beneficial effects, for example, maintenance is more convenient, ..."

76 CN000110325600A [EN] PREPARATION OF RETORT PACKAGING INK THROUGH INCORPORATION OF POLYETHYLENE GLYCOL INTO POLYURETHANE RESINS [EN] A method of preparing a retort packaging article includes: includes applying an ink to an outer surface of a sealable packaging and overlaying a substantially transparent lamination layer over the ink to envelope at least a portion of the sealable packaging. The ink includes a binder that includes a polyurethane resin that contains an elastomer which is a reaction product of a polyol and polyalkylene glycol with an isocyanate. The elastomer may be chain extended with a diamine or a diol.

77 CN000110914344A [EN] BIODEGRADABLE FILM FOR FOOD PACKAGING [EN] The invention relates to biodegradable polyester films with a thickness of 8 to 40 [mu]m and an oxygen permeability measured according to ASTM D3985-05:2010 of 1300 to 5500 ml/m²/day.

78 CN000208007393U [EN] Packaging machinery and discharging pipe subassembly thereof " [EN] The utility model discloses a discharging pipe subassembly for have package machine tool that unloading control valve and package machine construct, it includes: the body fixedly on its surface extends a plurality of lugs, and the free end of every lug is provided with first fixed orifices, a plurality of lugs distribute in on the same radial plane of body, and the shielding plate, it has mounting hole and a plurality of second fixed orifices, wherein, the shielding plate via the mounting hole suit in body outside and via the second fixed orifices with the lug reciprocal anchorage to the shielding plate is still fixed to packaging machinery's the structure on. The utility model discloses it includes still to relate to one kind the packaging machinery of discharging pipe subassembly. Compared with the prior art, according to the utility model discloses a discharging pipe subassembly has numerous beneficial effect, for example the maintenance is more convenient to can effectively ..."

79 CN000215886344U [EN] Packaging device for waterproof agent processing " [EN] The packaging device for waterproof agent processing comprises a supporting frame, a weighing base, a lower pulling plate, a pressure sensor, an arc-shaped limiting plate, side pulling plates and a guiding gear, the weighing base is fixedly connected to the bottom end of the lower pulling plate, and the side pulling plates are installed on the two sides in the supporting base in a sliding mode; the stock bin is arranged on the top seat, the top seat can slide up and down through the limiting rod, then the pouring height of the waterproof agent is adjusted, meanwhile, the driving motor is further arranged on one side of the top

seat, the stirring shaft in the stock bin is driven to rotate through cooperation of the first belt wheel and the second belt wheel, and therefore the waterproof agent is prevented from precipitating and blocking a discharging port; a bottom plate of the supporting frame is provided with a supporting seat, a pull-down plate, side pull plates and an arc-shaped ..."

80 DE000002112484A " [DE] Verfahren zur Herstellung von Blasfolien [EN] Vinylidene chloride terpolymer film - for packaging foodstuffs,contng acrylonitrile and alkyl acrylate units" " [EN] Ternary polymers of 80-90 wt.% vinylidene chloride, 1-4% acrylonitrile and 2-9% 1-8 C-alkyl acrylate units, produced by discontinuous suspension polymsn., are used for blowing films. The impervious films can be produced without the addn. of plasticiser or stabilisers and hence are suitable for packaging foodstuffs. "

81 DE000002145025A " [DE] SCHICHTSTOFFE AUS VINYLCHLORIDPOLYMERISATEN [EN] Laminated pvc film - as printable ,shock-proofing insulating packaging material" [EN] The film consists of two layers one of which is foamed and the other not foamed or only rel. slightly foamed. It is more solvent-resistant and flame-resistant than the equiv. polystyrene laminated films.

82 DE000002331303A1 " [DE] VERFAHREN ZUR HERSTELLUNG VON SCHAUMSTOFF-FORMKOERPERN AUS OLEFINPOLYMERISATEN [EN] Foamed polyolefins mouldings free of cavities - suitable for insulation, upholstery or packaging" " [EN] Foamed polyolefin articles are made by heating and compressing foamed cross-linked polyolefin granules in moulds which are not gas-tight while treating them with a gas whose permeability coefficient is greater than that of air. The polyolefin has a crystallinity of >20 wt% at 25 degrees C and MFI of 0.1-200 g/10 mins (190 degrees C/2.16 Kg) and is pref. high pressure polyethylene of 0.918-0.935 g/cm³. The granules have an ave. dia. of 1-35 mm, pref. 3-20 mm and a bulk density of 5-200 g/l, pref. 10-60 g/l. The gas, (permeability coeff. measured to D/N 53380 or ASTM D 1434-63), is pref. ammonia or CO₂. The granules, heated to 40-80 degrees C in the presence of the gas are transferred to the mould and sintered at 5-150 degrees C, pref. 10-100 degrees C above their crystalline m.pt., i.e. at 90-250 degrees C, pref. 110-180 degrees C. After heating, the granules are compressed to 40-80% pref. 50-70% of their original vol. "

83 DE000002331306A1 " [DE] VERFAHREN ZUR HERSTELLUNG VON SCHAUMSTOFF-FORMKOERPERN AUS OLEFINPOLYMERISATEN [EN] Foamed polyolefin mouldings free of cavities - suitable for insulation, upholstery or packaging" " [EN] Foamed articles are made by compressing a mixt. of finely divided polyolefin with 0.3-4.0 g, per l, polyolefin, of a solvent-free curable blinder to 40-80% of the original bulk vol. of the mixt., whilst treating it with a gas of greater permeability coefft. than air. The polyolefin specif. has a crystallinity of >20 wt% at 25 degrees C and MFI 0.1-200 g/10 mins (190 degrees C/2.16 Kg, ASTM-D 1238-65T) and pref. is high pressure polyethylene of 0.918-0.935 g/cm³. The granules have an ave. dia. of 1-35 mm, pref. 3-20 mm and have a bulk density of 5-200 g/l, pref. 10-60 g/l. The binder is esp. a polyester or an epoxy resin, pref. in an amt. 0.6-2 g/l. The gas, (permeability coefft. measured to ASTM D 1434-63), is pret. ammonia or CO₂, though (halogenated) hydrocarbons (b.pt. is not >15 degrees C) or CO may also be used. Compression is pref. to 50-70 vol%. "

84 DE000002441146A1 [DE] VERFAHREN ZUM HERSTELLEN VON VERPACKUNGSBAENDERN AUS EINER POLYPROPYLENFORMMASSE [EN] Polypropylene packaging tape prodn. - using compsn. contg. finely divided coal to reduce twisting " [EN] A process is claimed for prepg. polypropylene tapes for packaging, comprising extruding a polypropylene (PP) moulding compsn. at 170-320 degrees C to form primary tapes with a cross-section area of 0.5-20 mm² and thickness/width ratio of 1/5-1/80, and monoaxillay drawing the tapes longitudinally in the ratio 1/4-1/12 with their surface at >60 degrees C but less than the m.pt. of the PP crystallites. The compsn. comprises a mixt. of (a) 70-90 pts. wt. PP of which (for a wt. ratio PP/xylene of 5/95) less than 1wt. % in soluble inboiling xylene under normal conditions, the xylene being then cooled again to room temp. and (b) 10-30 pts. wt. PP of which (for a wt. ratio PP/xylene of 5/95) mor than 99 t.% are soluble in boiling xylene under normal conditions, the xylen being then cooled again to room temp, provided that (a) + (b) = 10, the PP's of (a) and (b) have intrinsic viscosities and molecular wt. distributions which are approximately equal (I.V. being 1-10 and measured in decaline ..."

85 DE000002460363A1 [DE] VERFAHREN ZUM HERSTELLEN VON VERPACKUNGSBAENDERN AUS EINER POLYPROPYLEN- FORMMASSE [EN] Polypropylene packaging tape prodn. - using compsn. contg. finely divided coal to reduce twisting " [EN] A process is claimed for prepg. polypropylene tapes for packaging, comprising extruding a polypropylene (PP) moulding compsn. at 170-320 degrees C to form primary tapes with a cross-section area of 0.5-20 mm² and thickness/width ratio of 1/5-1/80, and monoaxillay drawing the tapes longitudinally in the ratio 1/4-1/12 with their surface at >60 degrees C but less than the m.pt. of the PP crystallites. The compsn. comprises a mixt. of (a) 70-90 pts. wt. PP of which (for a wt. ratio PP/xylene of 5/95) less than 1wt. % in soluble inboiling xylene under normal conditions, the xylene being then cooled again to room temp. and (b) 10-30 pts. wt. PP of which (for a wt. ratio PP/xylene of 5/95) mor than 99 t.% are soluble in boiling xylene under normal conditions, the xylen being then cooled again to room temp, provided that (a) + (b) = 10, the PP's of (a) and (b) have intrinsic viscosities and molecular wt. distributions which are approximately equal (I.V. being 1-10 and measured in

decaline ..."

86 DE000002741342A1 " [DE] VERFAHREN ZUR HERSTELLUNG VON SCHAUMSTOFF-FORMTEILEN [EN] Polyethylene foam moulding prodn. with densified surface - by heating under pressure mould, for upholstery, packaging etc." " [EN] A section of polyethylene foam of thickness 5-100 mm is placed in a heatable mould of about the same length and breadth as the section. The mould is closed, so that the vol. of the section is reduced by 1-90%, heated for 6-600 (30-300) s at 100-200 degrees C and then cooled to room temp. before opening and removing the moulding. The mouldings can be made easily and there is relatively large latitude in the choice of heating time and temp., due to the low thermal conductivity of the foam. The mouldings can be used for various technical purposes, seals, packaging materials and esp. as upholstery, e.g. for car roof linings or shoulder padding. "

87 DE000002809980A1 " [DE] SCHICHTSTOFFE [EN] Laminates based on polyphenylene oxide and isotactic polystyrene - useful in scratch- and boil-resistant products, packaging, etc." " [EN] Laminate comprises ≥ 1 layer A and at least one layer B. Layer A contains $\geq 20\%$ of a polyphenylene oxide of formula (I): (where $n=103-104$). Layer B is prepared from a styrene polymer, opt. modified w.r.t. impact resistance, contg. $\geq 40\%$ styrene monomer polymerised therein, and is specifically an isotactic polystyrene, alone or admixed with an atactic polystyrene. A further layer C composed of atactic polystyrene and opt. modified w.r.t. fracture toughness, may be present as a welding and sealing layer. The excellent props. of the individual components of the laminate are maintained by using them in the form of layers which are bonded together. "

88 DE000003402248A1 [DE] Verpackungsbehälter bzw. Transportpalette [EN] Packaging container or transporting pallet " [EN] A packaging container or a transporting pallet for products which are sensitive to shock consists of foamed polyolefin padded parts which are connected to one another by flat elements made of more rigid material, the individual parts being loosely connected. "

89 DE000004001159A1 " [DE] Siegelfähige thermoplastische Formmasse [EN] Sealable thermoplastic moulding material, esp. for food packaging - contains impact polystyrene, block copolymer, lubricant, and homo- or co-polymer ..." " [DE] Siegelfähige thermoplastische Formmasse, enthaltend \$A A: 5\$ bis \$70\$ Gew.-% eines schlagzähen Polystyrolharzes \$A\$, \$A B: 5\$ bis \$70\$ Gew.-% eines Blockcopolymeren \$B\$, \$A C: 1\$ bis \$20\$ Gew.-% eines Gleitmittels \$C\$, \$A D: 5\$ bis \$70\$ Gew.-% mindestens eines Homo- oder Copolymerisats \$D\$ eines aliphatischen Olefins.
 [EN] Sealable thermoplastic moulding materials (I) contain 5-70 wt.% impact polystyrene (A), 5-70 wt.% block copolymer (B), 1-20 wt.% lubricant (C) and 5-70 wt.% homo- or co-polymer of aliphatic olefin (D). Suitably, (A) are SB block copolymers, esp. as described in dE-A 1770392 and (for translucent polymers) in DE-A 2613352; pref. (B) is a styrene-isoprene block copolymer prep'd. by anionic soln. polymerisation with a Li catalyst; (C) is mineral oil, dodecyl alcohol, butyl stearate, DEHP, etc.; pref. (D) is isotactic PP; the non-sealable carrier layer is made of, e.g., impact PS, SB block or graft copolymers, etc., and the laminated film is pref. produced by co-extrusion. "

90 DE000004017319A1 [DE] Verfahren und Vorrichtung zur Entsorgung von Emballagen [EN] Disposal of used packaging material - involves shredding and then separating liquid residues and fine solid particles " [DE] Gegenstand der vorliegenden Erfindung ist ein Verfahren zur Entsorgung von Emballagen, bei dem \$A 1.\$ die Emballagen mittels einer Zerkleinerungsvorrichtung geöffnet und zerkleinert werden, \$A 2.\$ die flüssigen und ggf. feinteiligen festen Restinhaltsstoffe abgetrennt, gesammelt und einer geeigneten Entsorgung zugeführt werden, \$A 3.\$ die ggf. entstehenden Gase durch einen ständigen Luftstrom verdünnt und abgeführt werden und \$A 4.\$ die entleerten und zerkleinerten Emballagen gesammelt werden, \$A\$ dadurch gekennzeichnet, daß die Emballagen im Anschluß an ihre Zerkleinerung durch mindestens eine rotierende Siebtrommel geführt werden und daß die Zerkleinerungsvorrichtung und/oder die Siebtrommel mit erhitztem Gas oder Gasgemisch beaufschlagt werden. \$A\$ Die vorliegende Erfindung betrifft außerdem eine Vorrichtung zur Durchführung dieses Verfahrens.
 [EN] The installation is for disposing of used packaging material. It has a conveyor (2) which brings the material to a machine (3) which shreds ..."

91 DE000004020945A1 [DE] Verpackung für Magnetbandcassette [EN] Easily opened foil packaging for magnetic tape cassettes - is designed to tear diagonally by tear strip with raised tab away from edge of foil " [DE] Die Erfindung beschreibt eine Verpackung für eine Magnetbandkassette, bestehend aus einer Kunststoff-Folie und einem Aufreißstreifen, wobei sich an einer beliebigen Stelle der Verpackung an der Stelle des Aufreißstreifens eine Griffflasche befindet, die entweder kreisförmig, teilkreisförmig, dreieckig oder in Form eines Kegelstumpfs ausgeführt ist. Zusätzlich kann der Aufreißstreifen an der Stelle der Griffflasche eingekerbt sein. Durch diagonalen Zug an der Griffflasche wird die Verpackung sowohl entlang des Aufreißstreifens wie in senkrechter Richtung dazu aufgerissen und abgestreift (Figur 1).
 [EN] Plastic foil wrappings for tape cassettes can be difficult to open. Where a tear-strip (10) is used, the tab (1) can be difficult to locate. After the removal of one end of the wrapping, the remaining foil can be difficult to tear open. This design includes a crease at the base of the tab (1), which raises it away from the wrapper surface. Diagonal tearing of the whole wrapper ..."

92 DE000004025906A1 " [DE] Sammelverpackung für auf Kerne gewickelte Magnetbänder [EN]

Cheap, compact packaging for spools of magnetic tape - is assembled from one or more folded sections, with fixed spindle for secure ..." " [DE] Beschrieben ist ein quaderförmiger Verpackungsbehälter für auf Kernen mit inneren Bohrungen aufgewickelte Magnetbänder. Die Verpackung besteht aus einem ein- oder mehrteiligen Zuschnitt, beispielsweise aus Karton, bestehend aus Bodenteil, Deckelteil und Seitenteilen, welche mit faltbaren Verbindungslaschen untereinander verbunden sind. Bodenteil und Deckelteil enthalten je ein kreisförmiges zentrales Loch (4), durch welche eine Kernhülse (5) durchsteckbar ist, welche an ihrem einen Ende durch einen Deckel mit überstehendem Rand verschlossen ist und an deren anderem Ende ein federnder Schnapping verriegelbar eingreift. Die Kartonteile werden durch Verkleben, Verhaken oder durch Knöpfe miteinander verbunden. Diese Verpackung ist einerseits raumsparend und recyclefähig und ermöglicht durch ihr geringes Volumen einen Rücktransport und damit Wiederverwendbarkeit der Teile (Figur 6a bis 6d).
 [EN] Spooled magnetic tapes are packaged together to minimise the requirement for packaging ..."

93 DE000004235621A1 [DE] Verfahren zur Herstellung von ionisch vernetzten Ethylencopolymerisaten (Ionomeren) [EN] Ethylene@] ionomers prepn for food packaging and foils - comprises adding degassing agent to polymer melt ... " [DE] Bei dem neuen Verfahren zur Herstellung von ionisch vernetzten Ethylencopolymerisaten (Ionomeren) auf einem Extruder werden in einem ersten Verfahrensschritt Ethylencopolymerisaten, welche 0,1 bis 20 Mol-% α , β -ethylenisch ungesättigter Carbonsäuren und/oder α , β -ethylenisch ungesättigter Comonomere mit Carboxylgruppen liefernden Resten einpolymerisiert enthalten, mit Metallverbindungen und gegebenenfalls mit Lösungsmitteln bei Temperaturen oberhalb des Schmelzpunktes der Ethylencopolymerisate in der Mischungszone des Extruders vermischt. Hiernach werden die Ethylencopolymerisate und die Metallverbindungen in der Reaktionszone des Extruders unter Bildung der Ionomeren miteinander umgesetzt, wonach die resultierenden Ionomeren in der Entgasungszone des Extruders entgast werden. Hierbei ist es für das neue Verfahren wesentlich, daß der Ionomerschmelze in der Entgasungszone ein Entgasungshilfsmittel zudosiert wird. Das neue Verfahren liefert Ionomere, welche geruchs- ..."

94 DE000004419089A1 [DE] Verwendung von Interferenzpigmenten zur Herstellung von fälschungssicheren Wertschriften und Verpackungen [EN] Interference pigments used for security documents and packaging " [DE] Verwendung von Interferenzpigmenten auf der Basis von mit Titandioxid beschichteten silikatischen Plättchen, die in einer reduzierenden Atmosphäre erhitzt worden sind, zur Herstellung von fälschungssicheren Wertschriften und Verpackungen.
 [EN] Interference pigments based on silicate laminae that are coated with titanium dioxide and heated in a reduced atmosphere are used to produce forgery-proof security documents and packaging. "

95 DE000010001069A1 " [DE] Kunststoff-Folie zur Lebensmittelverpackung [EN] Use of a polymer film comprising a rubber-modified styrene polymer, a polymeric compatibilizing agent and a thermoplastic polymer for packaging ... " [DE] Die Erfindung betrifft die Verwendung einer Folie aus DOLLAR A A. einem kautschukmodifizierten Styrolpolymerisat, z. B. HIPS, DOLLAR A B. einem polymeren Verträglichkeitsvermittler, z. B. SMA, und DOLLAR A C. einem polare Gruppen tragenden thermoplastischen Polymeren, z. B. PETG DOLLAR A zur Verpackung von Lebensmitteln, z. B. von Molkereiprodukten.
 [EN] Polymer film made from a mixture of a rubber-modified styrene polymer (10-90 wt.%), a polymeric compatibilizing agent (0.5-15 wt.%) and a thermoplastic polymer, having polar groups (10-90 wt.%) is used for packaging foodstuffs. "

96 DE000010022437A1 " [DE] Biologisch abbaubare Sicherheitsfolien [EN] Use of biodegradable plastics for the production of security film to reveal attempts to tamper with packaging or container caps, e.g. packs and bottle ... " [DE] Die Erfindung betrifft die Verwendung von biologisch abbaubaren Kunststoffen zur Herstellung von Sicherheitsfolien zur Anzeige von Manipulationsversuchen an Verpackungen oder an Verschlüssen von Behältern.
 [EN] Use of biodegradable plastics for the production of security film to reveal attempts to tamper with packages or with container closures.

97 DE000010046398A1 " [DE] Polyesterfolie [EN] Polyester film for use as packaging film and vacuum-sealing film, surfactants contains surfactant and-or low-molecular weight polyester" " [DE] Die vorliegende Erfindung betrifft Polyesterfolien, enthaltend DOLLAR A i) 70 bis 99,9 Gew.-% mindestens eines Polyesters mit einem Molekulargewicht M_n im Bereich von 8000 bis 100000 g/mol und DOLLAR A ii) 0,1 bis 30 Gew.-% einer oder mehrerer Verbindungen, ausgewählt aus DOLLAR A ii1) Polyalkylenglykol oder Polyalkylenglykolester mit einem Molekulargewicht M_n im Bereich von 1000 bis 15000 g/mol und DOLLAR A ii2) Polyestern mit einem Molekulargewicht M_n im Bereich von 1000 bis 7000 g/mol DOLLAR A oder Mischungen aus einer oder mehreren Verbindungen ii1) und ii2), DOLLAR A wobei die Gewichtsprozentage der Komponenten i) bis ii) zusammen 100% ergeben, DOLLAR A sowie die Verwendung dieser Folien als Verpackungsfolie sowie die Verwendung von ii) zur Erhöhung der Transparenz oder Adhäsion oder der Anti-Fogging-Eigenschaften von Polyesterfolien oder als Nukleierungsmittel für Polyester.
 [EN] Polyester film containing (i) 70-99.9 wt% polyester(s) with a mol. wt. (M_n) of 8000-100000 ..."

98 DE000010050958A1 " [DE] Verwendung von wasserlöslichen oder wasserdispergierbaren

Polyetherblöcken enthaltenden Pfropfpolymerisaten als Beschichtungs- und Verpackungsmittel für Wasch-, Reinigungs- und Wäschebehandlungsmittel ..."

" [DE] Verwendung von wasserlöslichen oder wasserdispergierbaren, filmbildenden Pfropfpolymerisaten, die erhältlich sind durch radikalische Polymerisation von DOLLAR A (a) Vinylestern von aliphatischen C₁- bis C₂₄-Carbonsäuren in Gegenwart von DOLLAR A (b) Polyethern, vorzugsweise Polyalkylenglykolen, eines mittleren Molekulargewichts (Zahlenmittel) von mindestens 300 der in der Beschreibung angegebenen Zusammensetzung DOLLAR A als Beschichtungsmittel für teilchenförmige Wasch- und Reinigungsmittel und als Verpackungsmaterial für Wasch-, Reinigungs- und Wäschennachbehandlungsmittel zur Herstellung von einzelnen Portionen für die Dosierung der Mittel im Waschprozeß zusammen mit dem Verpackungsmaterial.
 [EN] Water-soluble or -dispersible, film-forming graft copolymers obtained by radical polymerization of vinyl esters of 1-24C aliphatic carboxylic acids in presence of polyethers of average mol. wt. (Mn) \-300 are used as (i) coatings for particulate detergents or cleaning agents ..."

99 DE000010102841A1 " [DE] Klebebänder für Verpackungen [EN] Adhesive with good adhesion, cohesion and tensile-shear properties, for use in adhesive tapes, especially for packaging, comprises aqueous polymer dispersion ..."

" [DE] Verwendung einer wässrigen Polymerdispersion als Klebstoff für die Herstellung von Klebebändern, dadurch gekennzeichnet, dass die Polymerdispersion weniger als 0,5 Gew.-Teile eines Emulgators oder Emulgatorgemischs, bezogen auf 100 Gew.-Teile Polymer, enthält.
 [EN] The use of an aqueous polymer dispersion (A) is claimed as an adhesive for the production of adhesive tapes, where (A) contains less than 0.5 wt. % emulsifier(s) based on polymer. An Independent claim is also included for adhesive tapes having an adhesive coating prepared using (A). "

100 DE000010102937A1 " [DE] Verfahren zur Herstellung von Ethylenpolymerisaten im Hochdruckverfahren [EN] Production of ethylene polymer, for use in food packaging or cosmetics, by high pressure polymerization, involves ..."

" [DE] Die vorliegende Erfindung betrifft ein Verfahren zur Herstellung von Ethylenpolymerisaten im Hochdruckverfahren, dadurch gekennzeichnet, dass man vor der Polymerisation einen oder mehrere Radikalstarter in einem oder mehreren Ketonen der allgemeinen Formel I DOLLAR F1 bei der R¹ und R² gleich oder verschieden sind und ausgewählt werden aus C₁-C₆-Alkyl oder C₃-C₁₂-Cycloalkyl, wobei R¹ und R² auch kovalent miteinander unter Bildung eines 4- bis 13-gliedrigen Rings verknüpft sein können, DOLLAR A gelöst, komprimiert, in den Polymerisationsreaktor an einer oder mehreren Stellen dosiert und anschließend bei 150 bis 380 DEG C und 500 bis 4500 bar polymerisiert.
 [EN] Preparation of ethylene polymers (A) by a high pressure process involves dissolving radical initiator(s) in ketone(s) (I); compressing; dosing the mixture to the polymerization reactor in one or more portions; and carrying out polymerization. Preparation of ethylene polymers (A) by a high pressure ..."