Search Strategy for PSA

Search strategy details include

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Control Patents

S. No	Patent/Publication Number	Date of Publication(mm/dd/yyyy)	Title	Assignee / Applicant
1	EP1676785B1	2/17/2010	Reclosable package	Wipak Walsrode GmbH & Co
2	US20060251890A1	11/9/2006	Pressure sensitive adhesive (PSA) laminates	Lane Richard(inventor)
3	US20080260305A1	10/23/2008	Easy-open/reclosable bag and package	Shah Gautam P(inventor)
4	US4956962A	9/18/1990	Method of making reclosable sealed package	Bryan Food Inc
5	US5428209A	6/27/1995	Microwave-active tape having a cured polyolefin pressure-sensitive adhesive layer	Minnesota Mining and Manufacturing Company
6	US5545420A	8/13/1996	Peelable and resealable package for thinly sliced meats and the like	Kraft Foods Inc
7	US5866183A	2/2/1999	Package closing label	Moore Business Forms Inc
8	US6814991B2	11/9/2004	Packaging container, packaged food and packaged feed	Kabushiki Kaisha Zac
9	US7629046B2	12/8/2009	Reusable closures for packages and methods of making and using the same	Avery Dennison Corporation
10	WO2009089009A1	7/16/2009	Laminated lidstock	Cryovac Inc

Patent Class Definitions

S. No	Concept	Class	Class Type	Definition
1	Adhesive	C09J07/02	IPC	Adhesives; non-mechanical aspects of adhesive processes in general; adhesive processes not provided for elsewhere; use of materials as adhesives; adhesives in the form of films or foils; on carriers
2	Adhesive	G09F3/10	IPC	Labels, tag tickets, or similar identification or indication means; ; seals; postage or like stamps; fastening or securing by means not forming part of the material of the label itself/ by an adhesive layer
3	Adhesive	427/207.1	USPC	Coating processes; coating remains adhesive or is intended to be made adhesive
4	Adhesive: Pressure Sensitive	208.4	USPC	Coating processes; coating remains adhesive or is intended to be made adhesive; pressure sensitive adhesive
5	Adhesive: Pressure Sensitive	442/151	USPC	Fabric (woven, knitted, or nonwoven textile or cloth, etc.); coated or impregnated woven, knit, or nonwoven fabric...; coating or impregnation intended to function as an adhesive to solid surfaces subsequently associated therewith; pressure-sensitive adhesive
6	Adhesive: Pressure Sensitive	C09J07/02F*	ECLA	Adhesives; non-mechanical aspects of adhesive processes in general; adhesive processes not provided for elsewhere; use of materials as adhesives; adhesives in the form of films or foils; on carriers; characterized by pressure-sensitive adhesive
7	Adhesive: Pressure Sensitive	C09J07/02K4	ECLA	Adhesives; non-mechanical aspects of adhesive processes in general; adhesive processes not provided for elsewhere; use of materials as adhesives; adhesives in the form of films or foils; on carriers; on carriers other than paper or textile fabrics/ characterized by pressure-sensitive adhesive
8	Adhesive: Pressure Sensitive	C09J07/04B6	ECLA	Adhesives; non-mechanical aspects of adhesive processes in general; adhesive processes not provided for elsewhere; use of materials as adhesives; adhesives in the form of films or foils; on carriers; on paper or textile fabric; characterized by the adhesive composition/ pressure-sensitive adhesive
9	Packaging	53*	USPC	Package making

10	Packaging	224*	USPC	Package and article carriers
11	Packaging	B65*	IPC	Machines, apparatus or devices for, or methods of, packaging articles or materials; unpacking

Search

- The search was done in Micropatent full text database
- Countries covered:USG USA EPA EPB WO JP DEG DEA DET DEU GBA FRA
- Patent coverage years: 1836 - till date

S.No	Concept	Scope	Search String	No. of Hits
1	Class Codes: PSA	Any Classification	C09J000702F* OR C09J000702K4 OR C09J000704B6 OR 427208.4 OR 442151	-
	Keywords: Packaging	Claims, Title or Abstract	label*4 OR laminate*1 OR packag*3 OR tape*1 OR container*1 OR carton*1 OR pouch*1 OR pack*3 OR wrap*4 OR sachet*1 OR box*2 OR bag*1 OR (tetra adj pack*3)	-
2	Class Codes: Adhesive	Any Classification	C09J000702 OR G09F000310 OR 427207.1	-
	Keywords: Packaging	Claims, Title or Abstract	(label*4 OR laminate*1 OR packag*3 OR tape*1 OR container*1 OR carton*1 OR pouch*1 OR pack*3 OR wrap*4 OR sachet*1 OR box*2 OR bag*1 OR (tetra adj pack*3)) AND ((((pressure adj sensitive) OR self) near5 adhesi*3) OR PSA*2)	-
3	Combined query		1 OR 2	11344 hits
4	Keywords: Food	Full patent spec.	food*1 OR beverage*1 OR drink*1 OR juice*1 OR snack*1 appeti?er*1 OR bakery OR confectionery OR soup*1 OR ((eatable OR edible OR consumable OR comestible) near4 (product*1 OR article*1 OR material*1 OR product*1 OR item*1 OR thing*1))	-
5	Combined query		3 AND 4	626 hits
6	Class Codes: PSA	Any Classification	C09J000702F* OR C09J000702K4 OR C09J000704B6 OR 427208.4 OR 442151	-
7	Class Codes: Packaging	Any Classification	B65* OR 53*	-
8	Combined query		4 AND 6 AND 7	46 hits
9	Keywords: PSA AND Packaging AND Food	Claims, Title or Abstract	(((pressure adj sensitive) OR self) near2 adhesi*3) AND ((food*1 OR beverage*1 OR drink*1 OR juice*1 OR snack*1 appeti?er*1 OR bakery OR confectionery OR soup*1 OR ((eatable OR edible OR consumable OR comestible) near4 (product*1 OR article*1 OR material*1 OR product*1 OR item*1 OR thing*1))) AND (label*4 OR laminate*1 OR packag*3 OR tape*1 OR container*1 OR carton*1 OR pouch*1 OR pack*1 OR wrap*4 OR sachet*1 OR box*2 OR bag*1 OR (tetra adj pack*1)))	-
10	Class Codes: Packaging	Any Classification	B65* OR 53*	-
	Keywords: PSA	Claims, Title or Abstract	((pressure adj sensitive) OR self) near5 adhesi*3	-
11	Combined query		4 AND 10	1188 hits
12	Keywords: PSA AND Packaging	Claims, Title or Abstract	(((pressure adj sensitive) OR self) near2 adhesi*3) AND ((label*4 OR laminate*1 OR packag*3 OR tape*1 OR container*1 OR carton*1 OR pouch*1 OR pack*1 OR wrap*4 OR sachet*1 OR box*2 OR bag*1 OR (tetra adj pack*1)))	-
13	Combined query		4 AND 12	2292 hits
14	Combined query		5 OR 8 OR 11 OR 13	2500 hits (**1419** families)

Sample Analysis

S. No	Patent/Publication Number	Form	PSA	Field of use: Food	Material
1	EP1676785B1	Reclosable Package(Claim 1: Reclosable package from two connected)	Claim 1: at least a layer from pressure sensitive adhesive	Claim 23: Package in accordance with one of the claims 1 to 22 for the repeated removal of packaged good ones, preferably of foods	Acrylic(Claim 19: layer from pressure sensitive adhesive f) on at least a polymer of selected polymers and copolymers of acrylic acid esters)
2	US20060251890A1	Label(Claim 111: An article comprising the PSA laminate of claims 1 or 71.)	Claim 1: A pressure sensitive adhesive (PSA) laminate	Claim 115: packaging label is selected from the group consisting of labels used for packaging of beverages, food products, health and personal care products,	Silicone, Acrylic, Rubber(Claim 17: adhesive base material is selected from the group consisting of copolymers based upon acrylate and/or methacrylate copolymers and their derivatives, .alpha.-olefin copolymers, silicone-copolymers,

				pharmaceuticals, industrial chemicals, household chemicals or retail products.	and chloroprene/acrylonitrile copolymers.)
3	US20080260305A1	Reclosable Package(Claim 1: An easy-open/reclosable bag)	Claim 1: a pressure sensitive adhesive disposed between	Claim 20: The package of claim 17 wherein the product comprises a food product.	-
4	US4956962A	Reclosable Package(Claim 1: A method of forming a package having a product hermetically enclosed therein between a pair of sheets of thermoplastic material and having a readily peelable reclosable seal)	Claim 1: a peelable pressure sensitive adhesive having re-adhering properties	Field of Invention: This invention relates to a hermetically sealed package having a reclosable seal, and more particularly to a food containing evacuated package having a peelable reclosable adhesive seal	-
5	US5428209A	Tape(Claim 1: A microwave-active tape comprising a layer of pressure sensitive adhesive)	Claim 1: A microwave-active tape comprising a layer of pressure sensitive adhesive	Field of Invention: The invention relates to pressure-sensitive adhesive tapes and further to their uses on food packages.	Rubber/Resin(Claim 1:PSA comprises a cured polymeric poly .alpha.-olefin)
6	US5545420A	Reclosable Package(Abstract: Pack includes a peelable and resealable feature which is preferably provided by films out of which the package is constructed.)	Claim 1: a thin contact layer generally enclosing a pressure sensitive adhesive	Claim 1: A packaged food product wherein thin proteinaceous products	Rubber/Resin(Claim 2: The packaged food product according to claim 1, wherein said thin contact layer is selected from the group consisting of ionomer resins, polyethylenes, copolymers of ethylene and ethylenically unsaturated comonomers)
7	US5866183A	Label(Abstract: A packaging label)	Claim 1: second portion having a pressure sensitive adhesive	Claim 1: A food package assembly	Silicon(Full Description: the silicone adhesive-release material)
8	US6814991B2	Package(Claim 1: A packaging container)	Claim 1: a pressure sensitive adhesive layer	Claim 4: A packaged food characterized in that a food is enclosed in the packaging container	Rubber/Resin(Full Description: a pressure sensitive adhesive, which is produced by blending natural rubber, synthetic rubber)
9	US7629046B2	Reclosable Package(Claim 1: a removable and resealable adhesive)	Claim 8: removable adhesive comprises an acrylic based pressure sensitive adhesive	Field of Invention: This invention relates to adhesive articles that are closures for packages, such as frozen food packages.	Acrylic(Claim 8: removable adhesive comprises an acrylic based pressure sensitive adhesive)
10	WO2009089009A1	Reclosable Package(Field of Invention: This invention relates to a laminated lidstock, to a method of making the laminated lidstock, and to a tamper evident reclosable package made using the laminated lidstock.)	Claim 1: a support web can be adhered with a pressure sensitive adhesive	Claim 15: a food product disposed in the tray cavity	Silicone, Acrylic, Rubber(Full Description: chemical compositions and systems including acrylic and methacrylate adhesives, rubber-based pressure sensitive adhesives, styrene copolymers (styrene/isoprene/styrene and styrene/butadiene/styrene block copolymers), and silicones)