

Search history

Search 1: laminate and multilayer and copolymer and adhesive and core (Results 5537)

Search 2: 1 and liner and polyethylene and urethane (Results 353)

Search 3: 2 and temperature and print and tunnel* (Results 12)

Title: POLYOLEFIN **ADHESIVE** COMPOSITIONS AND ARTICLES MADE THEREFROM

Abstract: Source: US2004127614A [EN] Embodiments of the present invention relate to article comprising a polymer comprising one or more C3 to C40 olefins, optionally one or more diolefins, and less than 5 mole percent of ethylene having a Dot T-Peel of 1 Newton or more, a branching index (g') of 0.95 or less measured at the Mz of the polymer; and an Mw of 100,000 or less. This invention further relates to a process to produce an olefin polymer comprising: 1) selecting a first catalyst component capable of producing a polymer having an Mw of 100,000 or less and a crystallinity of 20 percent or less; 2) selecting a second catalyst component capable of producing polymer having an Mw of 100,000 or less and a crystallinity of 40 percent or more; 3) contacting the catalyst components in the presence of one or more activators with one or more C3 to C40 olefins, in a reaction zone.

Classifications:

International (IPC 8-9): B32B27/32 C08F10/00 C08F10/02 C08F10/04 C08F10/06 C08F10/14 C08F110/06 C08F110/14 C08F2/00 C08F2/38 C08F210/00 C08F210/04 C08F210/06 C08F210/14 C08F210/16 C08F210/18 C08F255/00 C08F255/02 C08F297/08 C08F4/44 C08F4/6392 C08F4/64 C08F4/642 C08F4/643 C08F4/646 C08F4/6592 C08F8/00 C08F8/46 C08G63/91 C08J3/00 C08K5/00 C08K5/01 C08K5/17 C08L101/00 C08L23/00 C08L23/04 C08L23/06 C08L23/10 C08L23/12 C08L23/14 C08L23/16 C08L23/18 C08L23/20 C08L23/26 C08L25/06 C08L27/06 C08L27/08 C08L45/00 C08L51/00 C08L67/06 C08L73/02 C08L77/00 C08L83/00 C08L91/00 C08L91/06 C08L91/08 C08L93/04 C09D123/14 C09J11/00 C09J11/06 C09J11/08 C09J123/00 C09J123/02 C09J123/04 C09J123/10 C09J123/12 C09J123/14 C09J123/16 C09J123/20 C09J123/24 C09J123/26 C09J133/00 C09J145/00 C09J147/00 C09J151/06 C09J157/02 C09J191/06 C09J193/04 C09J201/00 C09J5/00 C09J7/02 C09J7/04 D01F6/30 D01F6/46 (Advanced/Invention); C08F10/00 C08F10/06 C08F110/06 C08F210/04 C08F210/06 C08F297/08 C08F4/64 C08F4/642 C08F4/646 C08F4/659 C08F4/6592 C08L51/06 C08L57/02 (Advanced/Non-invention); B32B27/32 C08F10/00 C08F210/00 C08F8/00 C08K5/00 C08L23/00 C08L51/00 C08L91/00 C09D123/00 C09J123/00 C09J151/00 D01F6/28 D01F6/46 (Core/Invention); C08F110/00 C08F210/00 (Core/Non-invention)

International (IPC 1-7): C08F10/06 C08F2/00 C08F2/38 C08F210/04 C08F210/06 C08F297/08 C08F4/44 C08F4/64 C08F4/642 C08F4/643 C08G63/91 C08J3/00 C08K5/01 C08L23/10 C08L51/00 C09J123/10 C09J123/12

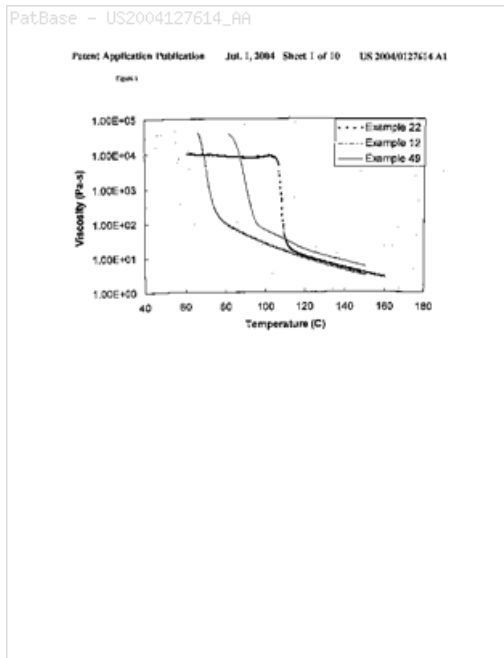
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European: C08F10/00 C08F10/04 C08F10/06 C08F210/06 C08F255/00 C08F255/02 C08F297/08 C08F8/00 C08L23/10 C08L23/12 C08L23/14 C08L23/14A C08L23/26 C08L51/00 C08L51/06 C09D123/10 C09D123/14A C09J123/10 C09J123/12 C09J123/14A C09J151/06 C09J153/02 C09J155/02 D21H17/35 M08F110/06 M08F210/06 M08F4/6592 M08F4/6592B4 M08F4/659D M08F4/659K M08L205/02 M08L205/03 M08L207/12 M08L207/14 M08L23/10 M08L23/12 M08L23/14 M08L23/14A M08L314/06 M08L51/00B M08L51/06 M08L57/02 M08L91/06 N21H21/18

US: 1/1 502/113 502/113S 524/107 524/107S 524/112 524/236 524/270 524/270S 524/272 524/274 524/275 524/275S 524/300 524/300S 524/321 524/321S 524/379 524/379S 524/386 524/386S 524/437 524/437S 524/449 524/449S 524/474 524/481 524/483 524/487 524/487S 524/488 524/489 524/502 524/502S 524/515 524/525 524/528 524/543 524/543S 524/570 524/570S 524/579 524/580 524/582 525/191 525/191P 525/191S 525/207 525/207S 525/209 525/209P 525/218 525/218S 525/221 525/221S 525/223 525/223S 525/225 525/225S 525/232 525/232S 525/239 525/239S 525/240 525/240P 525/240S 525/241 525/241S 525/245 525/247 525/285 525/285S 525/290 525/301 525/301S 525/313 525/322 525/386 525/416 525/53 525/55 525/55S 525/70 525/70P 525/70S 525/74 525/78 525/78S 526/113 526/113S 526/114 526/114P 526/116 526/134 526/158 526/160 526/165 526/170 526/170S 526/248 526/255 526/255S 526/317.1 526/317.100S 526/319 526/319S 526/330 526/330S 526/335 526/335S 526/336 526/337 526/346 526/346S 526/348 526/348.2 526/348.200S 526/348.3 526/348.300S 526/348.4 526/348.400S 526/348.5 526/348.6 526/348.600S 526/348S 526/351 526/351S 526/65 526/65P 526/89 526/89S 526/901 526/901S 526/943 526/943S

Family:

Publication number	Publication date	Application number	Application date
AT519795 E	20110815	AT20050777682T	20050413
AT523531 E	20110915	AT20050736591T	20050413
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Priority:

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: PRESSURE SENSITIVE SHRINK LABEL

Abstract: Source: US2009038736A [EN] A label for application to a surface having at least one compound curve is provided. The label comprises a heat shrinkable film having an inner surface and outer surface and a layer of pressure sensitive adhesive on the inner surface of the heat shrinkable film.

Classifications:

International (ipc 8-9): B30B15/34 B32B B32B1/00 B32B27/00 B32B27/08 B32B27/32 B32B3/06 B32B3/10 B32B3/26 B32B33/00 B32B37/06 B32B37/10 B32B37/12 B32B37/14 B32B7/12 B41M3/12 B44C1/17 B65B53/00 B65B53/02 B65C B65C11/06 B65C3/00 B65C3/08 B65C3/14 B65C5/00 B65C9/02 B65C9/04 B65C9/06 B65C9/18 B65C9/20 B65C9/24 B65C9/26 B65C9/28 B65C9/30 B65C9/34 B65C9/36 B65D23/00 B65D25/20 C09J C09J7/00 C09J7/02 D06Q1/00 D06Q1/12 G09F G09F21/02 G09F3/00 G09F3/02 G09F3/04 G09F3/10 G09F3/12 (Advanced/Invention); A41D27/08 B31D1/02 B65C3/08 B65C3/14 B65C3/16 B65C3/18 B65C9/04 B65C9/18 B65C9/24 B65C9/28 B65C9/36 (Advanced/Non-invention);

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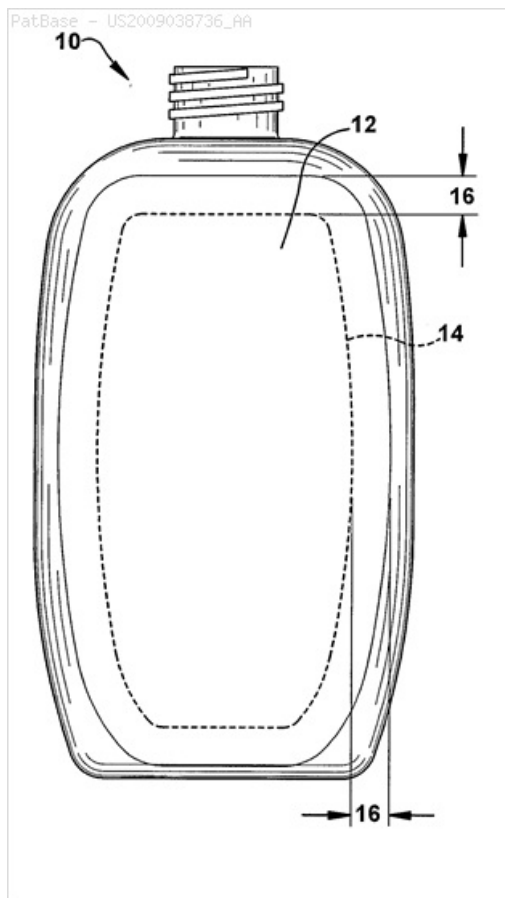
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Family:

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DISCHARGE VALVES FOR AIRBAGS AND AIRBAGS INCLUDING THE SAME

Abstract: Source: US2003075223A [EN] Discharge valve for an airbag including a fixed member adapted to be arranged in connection with or associated with the airbag and having a pattern of openings and a movable member having a pattern of openings substantially identical to the pattern of openings of the fixed member. The movable member is movable relative to and alongside the fixed member to vary the correspondence between the openings on the movable member and the openings in the fixed member to thereby vary valve openings defined by the fixed member and the movable member. Variation in the valve openings results in control and/or regulation of the outflow of gas from the airbag through the discharge valve. The members may be plates, cylinders or cones.

Classifications:

International (IPC 8-9): B60C11/24 B60C23/00 B60C23/04 B60K28/00 B60K28/02 B60K28/14 B60L1/00 B60N2/02 B60N2/28 B60Q1/00 B60R21/01 B60R21/0136 B60R21/015 B60R21/016 B60R21/16 B60R21/20 B60R21/205 B60R21/213 B60R21/23 B60R21/232 B60R21/233 B60R21/235 B60R21/239 B60R21/26 B60R21/276 B60R21/30 B60R21/33 B60R22/00 B60R25/10 B62D1/11 E05F15/00 G01G19/10 G01G19/52 G01H11/00 G01M17/00 G01M17/02 G05D27/00 G06F17/00 G06F19/00 G06F7/00 G06K9/00 G07C5/00 G07C5/08 G08B21/00 G08C19/00 G09G5/00 H01H13/70 H01L43/06 H02B1/24 H03K17/97 H03K17/975 H04Q5/22 (Advanced/Invention); B60R21/00 B60R21/01 B60R21/013 B60R21/0132 B60R21/0134 B60R21/21 (Advanced/Non-invention); B60C23/00 B60K28/00 B60K28/10 B60L1/00 B60N2/02 B60R21/01 B60R21/015 B60R21/16 B60R21/20 B60R21/23 B60R21/26 B60R21/33 B60R22/00 B60R25/10 E05F15/00 G01G19/08 G01G19/52 G01H11/00 G01M17/00 G01M17/02 G05D27/00 G06F17/00 G06F19/00 G06F7/00 G06K9/00 G08B21/00 G08C19/00 G09G5/00 H01H13/70 H02B1/00 H03K17/94 (Core/Invention); B60R21/01 (Core/Non-invention)

International (IPC 1-7): F16K3/00

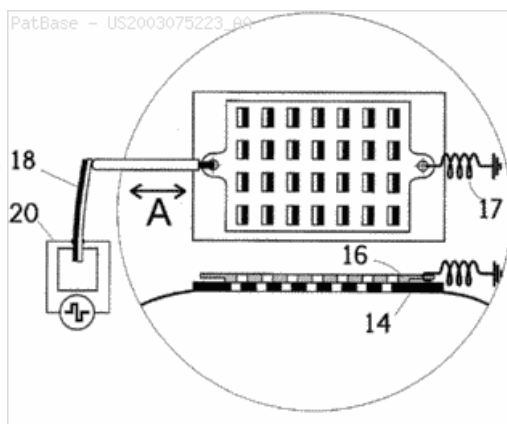
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Family:

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US20060561442	20061120	US20060565020	20061130	US20060614121	20061221
US20070619863	20070104	US20070620800	20070108	US20070668070	20070129
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US20070841056	20070820	US20070851167	20070906	US20070926422	20071029

Probable Assignee: AMERICAN VEHICULAR SCIENCES LLC

Assignee(s): (std): AUTOMOTIVE TECH INT ; BREED DAVID S ; DUVALL WILBUR E ; JOHNSON WENDELL C

Assignee(s): AUTOMOTIVE TECHNOLOGIES INT INC ; AUTOMOTIVE TECHNOLOGIES INTIONAL ; AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC ; AUTOMOTIVE TECHNOLOGIES INT ; AMERICAN VEHICULAR SCIENCES LLC ; ATI 2 ; ATI 295

Inventor(s): (std): SANDERS SYLVIA ; SANDERS THOMAS ; SANDERS DECEASED THOMAS ; MORIN JEFFREY L ; JOHNSON WENDELL C ; DUVALL WILBUR E ; DU VALL WILBUR E ; CHEN TIE QI ; BREED DAVID S ; KHVASTUKHIN MYKHAILO

Inventor(s): DUVALL WILBUR ; BREED DAVID ; MORIN JEFFREY ; JOHNSON WENDELL

Agent(s): BRIAN ROFFE ESQ; ROFFE BRIAN; BRIAN

Title: OVERLAMINATE FILM**Abstract:** Source: US2015184037A [EN] Overlamine films and methods of their manufacture and use are disclosed.**Classifications:**

International (IPC 8-9): B32B27/08 B32B27/18 B32B27/20
B32B27/30 B32B27/32 C09J7/02 C09J7/24
C09J7/29 (Advanced/Invention)
CPC: C09J7/0296 C09J2201/122 C09J2201/162 C09J2201/36
C09J2431/006 C09J2423/006 B32B27/08 B32B27/18 B32B27/20
B32B27/306 B32B27/32 B32B27/325 B32B2250/246 B32B2270/00
B32B2307/3065 B32B2307/308 B32B2307/406 B32B2307/408
B32B2307/54 B32B2307/554 B32B2307/584 B32B2307/702
B32B2307/704 B32B2307/71 B32B2405/00 B32B2571/00
B32B2590/00 B32B2605/00 Y10T428/1476 Y10T428/2848 C09J7/241
C09J7/245 C09J7/29
US: 428/354 428/41.8

PatBase - US2015184037_AA

**Family:**

Publication number	Publication date	Application number	Application date
AU2014374285 AA	20150709	AU20140374285	20141212
AU2014374285 BB	20171214	AU20140374285	20141212
BR112016015415 A2	20170808	BR20161115415	20141212
CA2935295 AA	20160628	CA20142935295	20141212
CL2016001693 A1	20170519	CL20160001693	20160630
CN106029375 A	20161012	CN201480075531	20141212
CN106029375 B	20180410	CN201480075531	20141212
CO20160005694 A2	20170420	CO20160005694	20160729
EP3089873 A1	20161109	EP20140825010	20141212
IN201637022962 A	20160826	IN201637022962	20160704
MX2016008687 A1	20160906	MX20160008687	20141212
US2015184037 AA	20150702	US20140568752	20141212
WO15102852 A1	20150709	WO2014US69999	20141212

Priority:

US20130921571P 20131230 US20140568752 20141212 WO2014US69999 20141212

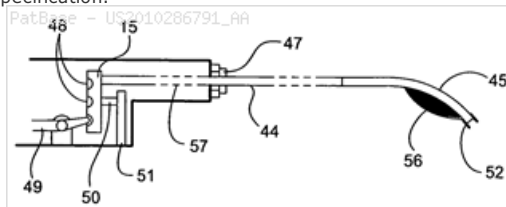
Probable Assignee: AVERY DENNISON CORP**Assignee(s):** (std): AVERY DENNISON CORP**Assignee(s):** MIENTUS BERNARD S ; OWUSU OSEI ; WANG SHANSHAN**Inventor(s):** (std): BERNARD S MIENTUS ; MIENTUS BERNARD S ; OSEI OWUSU ; OWUSU OSEI ; SHANSHAN WANG ; WANG SHANSHAN**Inventor(s):** BERNARD MIENTUS S**Agent(s):** GRIFFITH HACK ; FISHER ADAMS KELLY CALLINANS ; BRUNET AND CO LTD ; GOWLING WLG CANADA LLP ; CLARKE ; CAROLINA MERCEDES DAZA MONTALVO ; MUELLER BORE AND PARTNER PATENTANWAELTE PARTG MBB ; GRECI MARCIA T ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: INTEGRATED SYSTEM FOR THE BALLISTIC AND NONBALLISTIC INFIXION AND RETRIEVAL OF IMPLANTS

Abstract: Source: US2010286791A [EN] Provided are methods and apparatus for the use of magnetic traction to maintain the patency of a tubular anatomical structure, whether a vessel, duct, the trachea, bronchus, bile duct, ureter, vas deferens, fallopian tube, or portions of the digestive tract, as to constitute means for extraluminal stenting. An extraluminal stent consists of a perimedial or medial intravascular and an extravascular component. The intravascular component consists of ferromagnetic spherules implanted aeroballistically or stays implanted by means of a special hand tool, while the extravascular component consists of a pliant jacket or mantle that has magnets mounted about its outer surface. A catheter adapted for use as the barrel of a gas-operated implant insertion gun is so devised that it can be used independently to perform an angioplasty and thereafter have its free or extracorporeal end inserted into the airgun to initiate implantation of the intravascular component without the need for withdrawal and reinsertion through the introducer sheath. When the implants must be spaced too closely together to be controlled by hand, a positional control system is used to effect discharge automatically. Spherules that consist entirely of medication or that have a radiation emitting seed as the **core** can be implanted with the same apparatus. A glossary of terms follows the specification.

Classifications:

International (IPC 8-9): A61B17/28 A61B17/50 A61B18/04
A61F13/00 A61F2/04 A61F2/82 A61F2/95 A61M25/00 A61M31/00
A61M36/12 A61M37/00 (Advanced/Invention)
CPC: A61F2/95 A61M37/00 A61B17/12022 A61B17/00491
A61B17/0057 A61B17/12118 A61B17/12181 A61B17/3468
A61B18/04 A61B18/18 A61B2017/00411 A61B2017/00544
A61B2017/0065 A61B2017/00876 A61B2017/1205 A61B2017/22001
A61B2017/00809 A61F2210/009 A61F2/82 A61F2/013
A61F2002/9528 A61B18/02 A61B18/1492 A61B2018/00023
A61B2018/00345 A61B2018/00517 A61B2018/00541 A61B2018/00595 A61B2018/00982 A61B2218/002 A61N2005/1011
A61B18/245 A61B2018/00005 A61B2018/00577 A61B2018/1861 A61N7/00
European: A61B17/12P A61B17/12P5B1S A61B17/12P7Z K61B17/00N4 K61B17/00S14 K61B17/12P2 K61B17/22A
K61B17/34J K61B18/04 K61B18/18
US: 600/8 600/8S 602/43 602/43S 604/500 604/523 604/523S 604/524 604/524S 604/93.01 604/93.010S 606/205 606/205S
606/211 606/211S 606/27 606/27S 623/1.11 623/23.7 623/23.700P



Family:

Publication number	Publication date	Application number	Application date
US2010286791 AA	20101111	US20070986021	20071119
US2014163664 AA	20140612	US20130694835	20130109

Priority:

US20060860392P 20061121 US20070986021 20071119 US20130694835 20130109

Probable Assignee:

GOLDSMITH DAVID S

Assignee(s): (std):

GOLDSMITH DAVID S

Inventor(s): (std):

GOLDSMITH DAVID S

Agent(s):

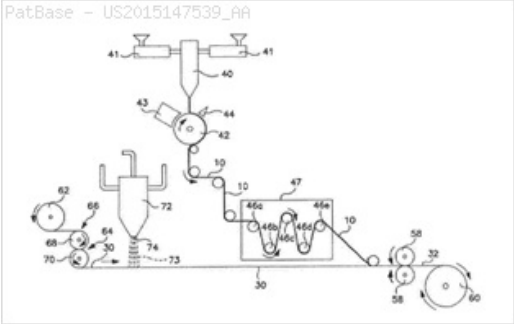
DAVID S GOLDSMITH

Title: **PRINTED** 3D-ELASTIC **LAMINATES**

Abstract: Source: US2015147539A [EN] An aesthetically pleasing elastic film with three-dimensional characteristics is provided. In one embodiment, a two-dimensional ink structure is **printed** onto an elastic film, which is then activated, for example, by heat, which transforms the two-dimensional ink structure into a three-dimensional ink structure on one or more outer surfaces of the film. The location and amount of ink applied can be selectively controlled so that the film has the desired hand feel without sacrificing the elastic properties of the film. Further the **printing** and activating of the ink can be controlled to increase the tear resistance of the film or to conversely allow the film to tear or rip at desired locations on demand. In another embodiment, the elastic film can be **laminated** to a facing to form a **laminate**, where the outer surface of the film that is not in contact with the facing contains the three-dimensional ink structures.

Classifications:

International (IPC 8-9): A61F13/49 A61F13/84 B32B27/12 B32B27/30 B32B27/32 B32B37/14 B32B5/02 B32B5/08 B32B5/14 B32B9/00 C08J5/18 C08J7/04 C08J7/12 (Advanced/Invention)
CPC: A61F13/4902 A61F2013/49031 A61F13/84 A61F2013/8497 B32B27/32 C08J5/18 C08J2323/04 C08J2323/10 Y10T156/1007 Y10T428/24802 Y10T428/2481 B32B5/022 B32B5/08 B32B27/12 B32B27/302 B32B2262/0253 B32B2262/0261 B32B2307/4026 B32B2307/51 B32B2307/518 B32B2307/54 B32B2307/726 B32B2437/00 B32B2555/02 C08J7/04 C08J7/123
US: 156/199 427/271 428/195.1 428/196



Family:

Publication number	Publication date	Application number	Application date
AU2014356088 AA	20150604	AU20140356088	20140930
AU2014356088 BB	20171214	AU20140356088	20140930
BR112016011634 A2	20170808	BR20161111634	20140930
EP3074218 A1	20161005	EP20140866133	20140930
EP3074218 A4	20170719	EP20140866133	20140930
KR20160091944 A	20160803	KR20167016641	20140930
MX2016006437 A1	20160719	MX20160006437	20140930
US2015147539 AA	20150528	US20130091432	20131127
WO15079339 A1	20150604	WO20141B64969	20140930

Priority:

US20130091432 20131127 WO20141B64969 20140930

Probable Assignee: KIMBERLY CLARK CO

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): MORELL CHARLES ; PORUTHOOR SIMON K ; THOMAS OOMMAN P

Inventor(s): CHARLES MORELL ; SIMON K PORUTHOOR ; OOMMAN P THOMAS

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; SPRUSON AND FERGUSON; DAVIES CHRISTOPHER ROBERT; RICHMOND ALLISON L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHODS AND APPARATUS FOR THE MANUFACTURE OF MICROSTRUCTURES

Abstract: Source: US2011207328A [EN] A method of manufacturing microstructures is disclosed, the method comprising a applying a mask to substrate; forming a pattern in the mask; processing the substrate according to the pattern; and mechanically removing the mask from the substrate. A polymer mask is disclosed for manufacturing micro scale structure, the polymer mask comprising a thin, preferably ultra thin flexible film. A method of manufacturing an integrated circuit is disclosed, the method comprising forming a plurality of isolated semiconductor devices on a common substrate; and connecting some of the devices. Apparatus for manufacturing microstructures is disclosed comprising: a mechanism for coating a mass substrate to create a structure; a mechanism for removing a mask from the substrate; and processing apparatus. A thin film transistor is disclosed comprising drain source and gate electrodes, the drain and source electrode being separated by a semiconductor, and the gate electrode being separated from the semiconductor by an insulator, comprising a bandgap alignment layer disposed between a semiconductor and the insulator.

Classifications:**International (IPC 8-9):** G03F7/42 H01L21/02

H01L51/00 (Advanced/Invention);

G03F7/42 (Advanced/Non-invention);

H01L51/00 (Core/Invention);

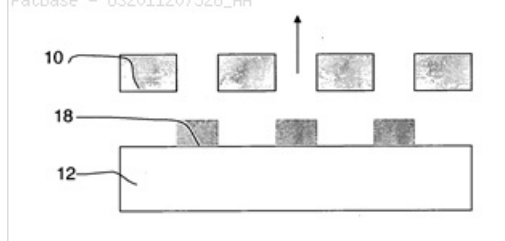
G03F7/42 (Core/Non-invention)

CPC: H01L51/0016 H01L27/283 H01L51/0011 H01L51/0545**European:** H01L51/00A2D6 H01L51/00A4D T01L27/28D

T01L51/05B2B6

US: 257/E21.002 257/E21.002S 438/694 438/694P

PatBase - US2011207328_AA

**Family:**

Publication number	Publication date	Application number	Application date
EP2087536 A1	20090812	EP20070824261	20071019
GB200620955 A0	20061129	GB20060020955	20061020
US2011207328 AA	20110825	US20070446452	20071019
WO08047144 A1	20080424	WO2007GB04012	20071019

Priority:

GB20060020955 20061020 WO2007GB04012 20071019

Probable Assignee: 3T TECHNOLOGIES LTD**Assignee(s):** (std): 3T TECHNOLOGIES LTD ; SPEAKMAN STUART P ; SPEAKMAN STUART PHILIP**Assignee(s):** 3T TECHNOLOGIES LIMITED**Inventor(s):** (std): SPEAKMAN STUART PHILIP**Agent(s):** COZENS PAUL DENNIS; COZENS PAUL DENNIS ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: ARTICLES OF MANUFACTURE AND METHODS FOR MANUFACTURING **LAMINATE** STRUCTURES INCLUDING INORGANICALLY FILLED SHEETS

Abstract: Source: US5830548A [EN] Compositions and methods for manufacturing composite **laminate** structures incorporating sheets having a moldable matrix are disclosed. Suitable compositions are prepared by mixing together a water dispersible organic binder, water, and appropriate additives (such as aggregates and fibers) which impart predetermined properties so that a sheet formed therefrom has the desired performance criteria. The compositions are formed into sheets by first extruding them into a sheet and then calendaring the sheet using a set of rollers. The calendared sheets are dried in an accelerated manner to form a substantially hardened sheet. The drying process is performed by heated rollers and/or a drying chamber. The inorganically filled sheets so formed may have properties substantially similar to sheets made from presently used materials like paper, cardboard, polystyrene, or plastic. Such sheets can be rolled, pressed, scored, perforated, folded, and glued before or after being incorporated into composite **laminate** structures. Such composite **laminate** structures have especial utility in the mass production of containers, particularly food and beverage containers.

Classifications:

International (IPC 8-9): B28B1/00 B28B1/52 B28B11/00 B28B13/02

B28B13/06 B28B23/00 B28B3/00 B28B3/02 B28B3/12 B28B3/20

B28B3/26 B28B7/42 B28C7/02 B29C43/00 B29C43/02 B29C43/06

B29C43/08 B29C43/22 B29C43/24 B29C43/34 B29C43/36

B29C43/38 B29C43/46 B29C51/04 B29C51/10 B29C53/06

B29C55/18 B29C67/24 B29C70/50 B31B17/00 B32B13/02

B32B27/04 B32B27/20 B32B37/14 B32B5/02 B65D65/38 B65D65/46

C04B16/02 C04B20/00 C04B26/00 C04B26/02 C04B26/28

C04B28/00 C04B40/00 C08L1/28 C08L3/00 C08L3/02 C08L5/02

C08L5/12 C08L5/14 C08L89/06 C08L97/02 (Advanced/Invention);

B05B11/00 B05C1/08 B05C3/18 B05C5/02 B29C53/58

B32B37/12 (Advanced/Non-invention);

B28B1/00 B28B1/52 B28B11/00 B28B13/00 B28B23/00 B28B3/00

B28B3/02 B28B3/20 B28B3/26 B28B7/40 B28C7/00 B29C43/00

B29C43/02 B29C43/04 B29C43/22 B29C43/24 B29C43/34

B29C43/36 B29C43/44 B29C51/00 B29C51/10 B29C53/00

B29C55/18 B29C67/24 B29C70/50 B31B17/00 B32B13/00

B32B27/04 B32B27/20 B32B37/14 B32B5/02 B65D65/38 B65D65/46

C04B16/00 C04B20/00 C04B26/00 C04B28/00

C04B40/00 C08L1/00 C08L3/00 C08L5/00 C08L89/00 C08L97/00 (Core/Invention);

B05B11/00 B05C1/08 B05C3/00 B05C5/02 B32B37/12 (Core/Non-invention)

International (IPC 1-7): B32B23/18 B32B3/28 B32B5/16 B65D85/84

CPC: Y10S428/906 B29C43/34 B05C1/0826 B05C1/0834 B05C3/18 B05C5/0245 B28B1/00 B28B1/52 B28B3/00 B28B3/02

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B29C2795/007 B29K2003/00 B29K2005/00 B29K2089/00 B29K2105/04 B29K2105/12 B29K2105/16 B29L2024/00

B29L2031/608 B29L2031/712 B29L2031/7132 B31D1/005 B32B5/02 B32B13/02 B32B27/04 B32B27/20 B32B37/12

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C04B2111/802 C08L1/28 C08L1/286 C08L3/00 C08L3/02 C08L5/02 C08L5/12 C08L5/14 C08L89/06 C08L97/02

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Y10T428/24694 Y10T428/25 Y10T428/31971 Y10T428/249986 B29C44/3402 B31B50/32 B31B2105/0022

European: B28B1/00 B28B1/52 B28B11/00 B28B11/00E B28B11/00E3 B28B13/02C B28B13/06 B28B23/00 B28B23/00Z

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B29C43/24 B29C43/34 B29C43/46 B29C51/04 B29C51/10 B29C53/06B B29C55/18 B29C67/22D1 B29C67/24 B29C67/24C

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B65D65/46C C04B26/02 C04B26/02B C04B26/28B C04B28/04 C08L1/28 C08L1/28F C08L3/00 C08L3/02 C08L5/02

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L29C43/34B L29C43/46 L29C43/46A2 L29C47/00J10 L29C47/00J4 L29C47/00L12 L29C47/00L4 L29C47/00L5 L29C47/00L7

L29C47/00L9 L29C49/46B1A L29C53/58 L29C795/00D L29K105/04 L29K105/12 L29K105/16 L29K3/00 L29K5/00 L29K89/00

L29L24/00 L29L31/60C L29L31/712 L29L31/7132 L31B201/26A1A L31B217/08A L32B37/12 L65D565/38Y7 M04B111/00T6

M04B111/80B

US: 206/524.3 206/524.7 428/116 428/152 428/155 428/182 428/317.9 428/323 428/35.8 428/36.4 428/36.6 428/36.91

428/43 428/532 428/906

Family:

Publication number	Publication date	Application number	Application date
US5830548 A	19981103	US19960630210	19960409

Priority:

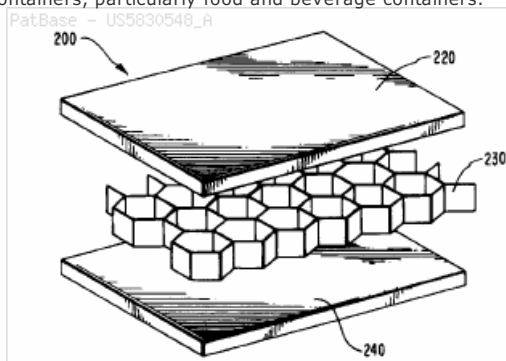
US19920929898	19920811	US19930027451	19930308	US19930101500	19930803
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Probable Assignee: E KHASHOGGI IND LLC

Assignee(s): (std): KHASHOGGI E IND

Assignee(s): E KHASHOGGI IND ; E KHASHOGGI IND LLC ; E KHASHOGGI INDUSTRIES LLC

Inventor(s): (std): ANDERSEN PER JUST ; HODSON SIMON K



Title: ARTICLES WITH RADIATION CURED **ADHESIVE** AS ALTERNATIVE TO HEAT SEALS

Abstract: Source: US2005100251A [EN] A bag includes a first and second panel; first and second layflat side edges; a bottom edge; and a bag mouth; at least one of the layflat side edges, and the bottom edge, includes a radiation cured **adhesive** layer bonding the first and second panels together. A thermoformed container includes a forming web and a substantially non-forming web; and a radiation cured **adhesive** layer disposed between and bonding at least portions of the forming web and the substantially non-forming web. A film/foam composite includes a thermoplastic film and a polymeric foam sheet; and a radiation cured **adhesive** layer disposed between and bonding at least portions of the thermoplastic film and the polymeric foam sheet. An inflatable packaging cushion includes a plurality of flexible plastic sheets bonded together in the region of their edges; a radiation cured **adhesive** layer bonds at least a portion of the flexible plastic sheets together.

Classifications:

International (IPC 8-9): B32B7/12 B65D30/08 B65D75/44

B65D77/20 B65D81/05 (Advanced/Invention);

B32B7/12 B65D30/08 B65D75/00 B65D77/10

B65D81/05 (Core/Invention)

International (IPC 1-7): B65D30/00 B65D30/08 B65D77/20

B65D81/38

CPC: B32B5/18 B32B7/045 B32B27/065 B32B2307/7244

B32B2439/00 B32B7/12 B65D75/44 B65D81/052

US: 383/107

PatBase - US2005100251_AA

Patent Application Publication May 12, 2005 Sheet 1 of 14 US 2005/0100251 A1

FIG. 1

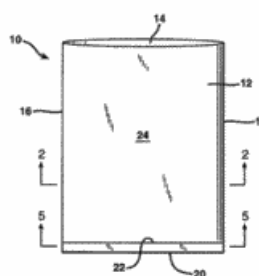
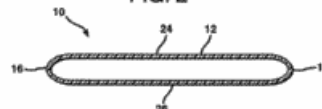


FIG. 2



Family:

Publication number	Publication date	Application number	Application date
US2005100251 AA	20050512	US20030693337	20031023
WO05042366 A2	20050512	WO2004US34480	20041018
WO05042366 A3	20050728	WO2004US34480	20041018

Priority:

US20030693337 20031023

Probable Assignee: CRYOVAC INC

Assignee(s): (std): CRYOVAC INC ; HAVENS MARVIN R ; KYLE DAVID R ; ODABASHIAN ROBERT A

Inventor(s): (std): HAVENS MARVIN R ; KYLE DAVID R ; ODABASHIAN ROBERT A

Inventor(s): HAVENS MARVIN ; ODABASHIAN ROBERT ; KYLE DAVID

Agent(s): CRYOVAC INC SEALED AIR CORP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

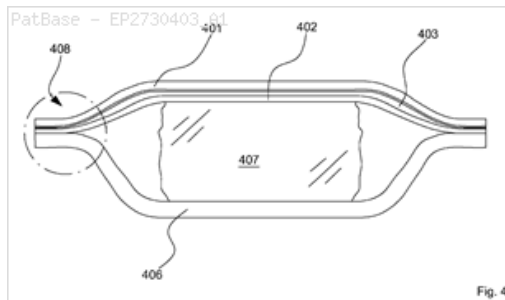
Title: BEDRUCKTE FOLIE ZUR VERPACKUNG UND DARAUS ERHALTENE VERPACKUNGEN **PRINTED** FILMS FOR PACKAGING AND PACKAGES OBTAINED THEREFROM.

Abstract: Source: EP2730403A1 [EN] **Printed** films, composites and packages in which an image is **printed** between two sealing surfaces (trap **print**) are disclosed. Thanks to a peculiar coating applied onto the **printed** surface, sealing strength and package hermeticity are preserved.

Classifications:

International (IPC 8-9): B32B25/00 B32B27/00 B32B27/06
B32B27/08 B32B27/16 B32B27/18 B32B27/24 B32B27/30
B32B27/32 B32B7/04 B32B7/12 B41M7/00
C09D127/00 (Advanced/Invention)

CPC: B32B7/12 B32B27/08 B32B27/306 B32B27/308 B41M7/0036
B32B27/32 B32B27/34 B32B27/36 B32B2255/10 B32B2255/26
B32B2307/702 B32B2307/724 B32B2307/7242 B32B2307/736
B32B2439/70



Family:

Publication number	Publication date	Application number	Application date
EP2730403 A1	20140514	EP20130192574	20131112

Priority:

EP20120192283 20121112 EP20130192574 20131112

Probable Assignee: CRYOVAC INC

Assignee(s): (std): CRYOVAC INC

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Agent(s): FRAIRE CRISTINA

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO
PL PT RO RS SE SI SK SM TR

Title: USE OF COMPOUNDS HAVING N 2-OXO-1,3-DIOXOLANE-4-CARBOXAMIDE UNITS IN TWO-COMPONENT **ADHESIVES**

Abstract: What is described is the use of compounds having n 2-oxo-1,3-dioxolane-4-carboxamide units as reactive component in 2-component **adhesives**, especially for preparation of hydroxypolyurethanes or hydroxypolycarbonates for **adhesive** applications, where n is a number greater than or equal to 2. Also described are corresponding two-component **adhesives** and bonding methods. The second component used in the two-component **adhesive** is preferably a polyfunctional hardener compound preferably selected from polyamines having two or more amine groups and polyols having two or more alcoholic hydroxyl groups.

Classifications:

International (IPC 8-9): C08G18/28 C08G18/34 C08G18/48 C08G18/71 C08G18/76 C08G18/79 C08G71/04 C08L101/02 C09J175/04 (Advanced/Invention)

CPC: C08G18/792 C08G18/281 C08G18/34 C08G18/4841 C08G18/714 C08G18/7621 C08G71/04 C08L101/02 C09J175/04

Family:

Publication number	Publication date	Application number	Application date
WO17207461 A1	20171207	WO2017EP62843	20170529

Priority:

EP20160172975 20160603

Probable Assignee: BASF SE

Assignee(s): (std): BASF SE

Inventor(s): (std): FENLON THOMAS ; LICHT ULRIKE ; PUTZIEN SOPHIE ; SCHUMACHER KARL HEINZ ; VAUTRAVERS NICOLAS

Agent(s): BASF IP ASSOCIATION

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: THERMOPLASTIC POLYESTER RESIN COMPOSITION

Abstract: Source: US2014296403A [EN] A colorless thermoplastic polyester resin composition that can form a molded article with good appearance is provided. More specifically, a thermoplastic polyester resin composition is provided, which has (A) polybutylene terephthalate resin, (B) **polyethylene** terephthalate resin, (C) nigrosine dye, and (D) glass fibers. The blending amounts are (A) in the range of 55-86 weight percent and (B) in the range of 14-45 weight percent based on 100 weight percent of a total of (A) and (B). Further, (C) is in the range of 0.1-1.5 parts by weight based on 100 parts of a total of (A) and (B). Preferably, the carboxy terminal groups of (A) is at 25 (eq/t), the intrinsic viscosity of (A) is in the range of 0.60-0.90, and the melting point of (C) is less than 300 degrees centigrade

Classifications:

International (IPC 8-9): C08L31/06 C08L67/02 (Advanced/Invention)

CPC: C08L67/02 C08K5/0041 C08K7/14

US: 1/1 524/186

Family:

Publication number	Publication date	Application number	Application date
US2014296403 AA	20141002	US20130853602	20130329
US9045634 BB	20150602	US20130853602	20130329

Priority:

US20130853602 20130329

Probable Assignee: TORAY RESIN CO

Assignee(s): (std): TORAY RESIN CO

Inventor(s): (std): OTA KENJI ; MAEDA YASUO ; GODWIN DENNIS

Agent(s): BIRCH STEWART KOLASCH AND BIRCH LLP