

Monica Sarmiento

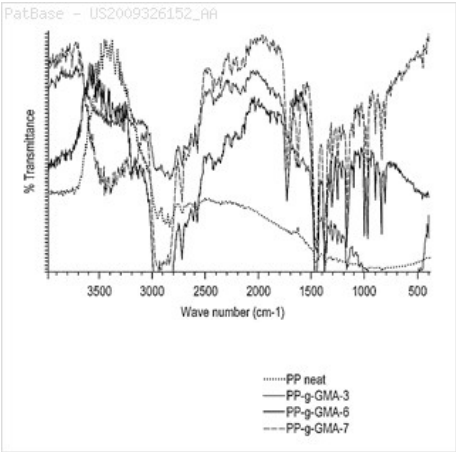
Search history

Search 1: TAC=(polylactic acid) (Results 14682)
Search 2: TAC=(propylene) (Results 100000)
Search 3: TAC=(olefin) (Results 95898)
Search 4: TAC=(injection) (Results 100000)
Search 5: TAC=(1 and 2 and 3 and 4) (Results 14)
Search 6: TAC=(modifier) (Results 100000)
Search 7: TAC=(5 and 6) (Results 4)
Search 8: TAC=(1 and 4 and 6) (Results 73)
Search 9: TAC=(1 and 4 and 6) and CPC=(c08I) (Results 28)

Title: COMPATIBILIZED POLYPROPYLENE AND **POLYLACTIC ACID** BLENDS AND METHODS OF MAKING AND USING SAME

Abstract: Source: US2009326152A A composition comprising a blend of a polyolefin, **polylactic acid**, and a reactive **modifier**. A method of producing an oriented film comprising reactive extrusion compounding a mixture comprising polypropylene, **polylactic acid**, a reactive **modifier** to form a compatibilized polymeric blend, casting the compatibilized polymeric blend into a film, and orienting the film. A method of preparing a reactive **modifier** comprising contacting a polyolefin, a multifunctional acrylate comonomer, and an initiator under conditions suitable for the formation of an epoxy-functionalized polyolefin wherein the epoxy-functionalized polyolefin has a grafting yield of from 0.2 weight percent to 15 weight percent.

Classifications:
International (IPC 8-9): B28B1/14 B29C45/00 B29C45/46 B29C45/72 B29C47/00 B29C49/00 B29C49/02 B29C51/00 B32B1/02 B32B27/32 B32B37/16 B65D85/72 C08F10/02 C08F10/06 C08F255/02 C08F8/00 C08F8/08 C08G63/02 C08G63/08 C08J5/18 C08L23/00 C08L23/06 C08L23/10 C08L23/12 C08L23/14 C08L23/26 C08L33/02 C08L51/00 C08L51/06 C08L67/04 (Advanced/Invention); C08L23/08 C08L33/06 C08L51/06 C08L67/04 (Advanced/Non-invention); B28B1/14 C08F10/00 C08L33/00 (Core/Invention)
CPC: C08L2666/02 C08J2323/12 B29C45/0001 B29C47/0004 B29C49/0005 B29C51/002 C08L2205/02 C08L2205/03 C08L51/003 Y10T156/10 C08L2203/16 C08L23/16 C08K3/34 C08L23/06 B29C45/72 C08L2205/025 C08L2205/08 C08L23/26 C08J5/18 C08L23/0884 C08L23/10 C08L33/068 C08L51/06 C08L67/04 Y10T428/1352 Y10T428/1397 C08L23/142 C08L2207/02 C08L2201/06 C08L2207/04 C08L23/14 C08L23/00 C08L23/12 B65D85/72
European: C08J5/18 C08L23/10 M08J323/12 M08L203/16 M08L23/08C3C M08L33/06B6 M08L51/06 M08L67/04
US: 156/60 156/60P 264/176.1 264/211 264/211.12 264/211.24 264/219 264/299 264/299S 264/328.14 264/328.140S 264/328.17 264/328.170P 264/531 264/531S 428/35.7 428/35.700P 428/36.92 524/502 524/504 524/505 525/165 525/166 525/177 525/185 525/186 525/186S 525/190 525/190P 525/240 525/262 525/262S 525/298 525/302 525/303 525/31 525/327.3 525/331.7 525/333.7 525/523 525/64 525/64P 525/70 525/71 525/74 525/78 525/80



Family:

Publication number	Publication date	Application number	Application date
CA2826347 AA	20130801	CA20122826347	20120125
CN102119178 A	20110706	CN200980101536	20090624
CN102119178 B	20160302	CN200980101536	20090624
EP2297212 A1	20110323	EP20090774120	20090624
EP2297212 A4	20111012	EP20090774120	20090624
EP2297212 B1	20160224	EP20090774120	20090624
EP2673306 A1	20131218	EP20120744414	20120206
EP2673306 A4	20141015	EP20120744414	20120206
JP2011526950 T2	20111020	JP20110516615T	20090624
JP5624032 B2	20141112	JP20110516615T	20090624
KR20110025730 A	20110311	KR20107014404	20090624
MX2013008958 A1	20140331	MX20130008958	20120125
US2009326152 AA	20091231	US20080165051	20080630
US2011132519 AA	20110609	US20110028384	20110216
US2011144273 AA	20110616	US20110019515	20110202
US2011190447 AA	20110804	US20110022656	20110208
US2011195210 AA	20110811	US20110022655	20110208
US2012080822 AA	20120405	US20110314382	20111208
US2013317173 AA	20131128	US20130956514	20130801
US2014141189 AA	20140522	US20130087598	20131122
US2014228517 AA	20140814	US20140253535	20140415
US2014235791 AA	20140821	US20140220997	20140320
US2015218356 AA	20150806	US20150686930	20150415
US8362145 BB	20130129	US20110314382	20111208
US8530577 BB	20130910	US20110022656	20110208
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WO12106155 A1	20120809	WO2012US22461	20120125
WO12109142 A1	20120816	WO2012US23966	20120206
WO12109144 A1	20120816	WO2012US23970	20120206
WO12112346 A2	20120823	WO2012US24211	20120208
WO12112346 A3	20140403	WO2012US24211	20120208

Priority:
US20080165051 20080630 WO2009US48501 20090624 US20110019515 20110202
US20110022656 20110208 US20110022655 20110208 US20110028384 20110216
US20110314382 20111208 WO2012US22461 20120125 US20130956514 20130801
WO2012US23970 20120206 US20130087598 20131122 US20140253535 20140415
US20140220997 20140320 US20150686930 20150415

Probable Assignee: FINA TECHNOLOGY INC

Assignee(s): (std): LI FENGKUI ; FINA TECHNOLOGY ; LI FENGHUI ; SCHILS CAROLINE ; DESILLE GABRIEL ; SUN LUYI ; RAUSCHER DAVID ; DOTTER ROBERT ; FINA TECHNOLGY INC ; ASHBAUGH JOHN ; COFFY TIM ; COFFY TIM J ; DANIELS LELAND ; DAUMERIE MICHEL

Assignee(s): FINA TECHNOLOGY INC

Inventor(s): (std): LI FENGHUI ; SCHILS CAROLINE ; TIM COFFY ; SUN LUYI ; RAUSCHER DAVID ; MICHEL DAUMERIE ; LI FENGKUI ; FENGKUI LI ; DOTTER ROBERT ; DAUMERIE MICHEL ; DANIELS LELAND ; COFFY TIM ; ASHBAUGH JOHN ; COFFY TIM J ; DESILLE GABRIEL

Inventor(s): JOHN ASHBAUGH

Agent(s): GOWLING LAFLEUR HENDERSON LLP; JANTSCHY JASMIN; RABOIN JEAN CHRISTOPHE; LEYDER FRANCIS; FINA TECHNOLOGY INC; KILPATRICK LEE DIANE L ET AL; ALEXANDER DAVID J

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 RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: POLYMERIC BLENDS AND METHODS OF USING SAME

Abstract: Source: US2009326130A A film comprising a **polylactic acid** and polypropylene blend having a haze of from about 10 percent to about 95 percent and a gloss 45 degrees of from about 50 to about 125. A method of producing an oriented film comprising blending polypropylene and **polylactic acid** to form a polymeric blend, forming the polymeric blend into a film, and orienting the film. A method of producing an **injection** molded article comprising blending polypropylene and **polylactic acid** to form a polymeric blend, **injecting** the polymeric blend into a mold, and forming the article.

Classifications:

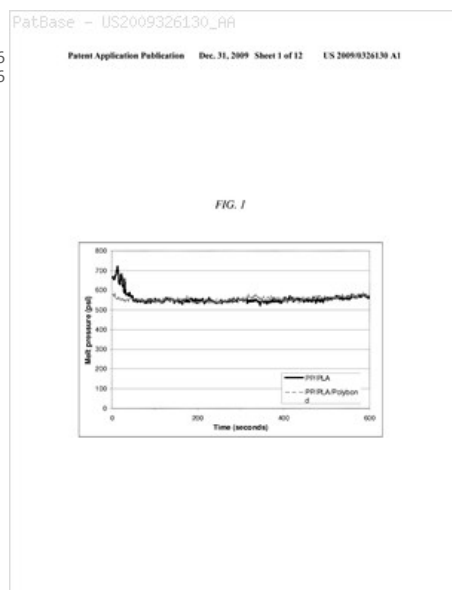
International (IPC 8-9): B29B7/00 B29C45/00 B29C47/14 B32B27/00 B32B27/08 B65D65/46 C08F242/00 C08F299/04 C08J5/00 C08J5/18 C08K3/00 C08K3/12 C08K3/26 C08K3/30 C08K3/34 C08K5/00 C08L23/08 C08L23/10 C08L23/12 C08L23/14 C08L23/16 C08L23/26 C08L67/00 C08L67/04 C08L9/00 H05B6/00 (Advanced/Invention); B29K105/00 B29K23/00 B29K67/00 B29L7/00 C08L51/06 C08L67/04 (Advanced/Non-invention);

B32B27/00 B32B27/08 C08K3/00 C08L67/00 H05B6/00 (Core/Invention)

CPC: C08L23/08 C08L23/12 C08L23/16 C08L67/00 Y10T428/24 Y10T428/269 B29C45/0001 B29K2105/0088 B29K2623/10 B29K2667/046 C08J5/18 C08J2323/10 C08J2467/04 C08L23/10 C08L51/06 C08L2205/03 C08L2666/18 C08L23/14 C08L23/26 C08L2205/02 C08L2205/035 C08L9/00 C08L67/04 C08K3/00 C08K5/00

European: C08J5/18 C08L23/10 M08J323/10 M08L205/03 M08L23/10 M08L51/06 M08L67/04

US: 264/299 264/327 264/328.1 264/331.17 428/339 428/98 523/514 523/515 523/527 524/423 524/427 524/427S 524/437 524/437S 524/447 524/447S 524/449 524/449S 524/451 524/451S 524/502 525/186 525/190 525/190S 525/410 525/415 525/450 528/361



Family:

Publication number	Publication date	Application number	Application date
CN101918211 A	20101215	CN200980101534	20090624
CN105377981 A	20160302	CN201480040145	20140513
EP2296879 A1	20110323	EP20090774119	20090624
EP2296879 A4	20140709	EP20090774119	20090624
JP2011526949 T2	20111020	JP20110516613T	20090624
KR20110037928 A	20110413	KR20107014402	20090624
KR20160008599 A	20160122	KR20157035261	20140513
US2009326130 AA	20091231	US20080165037	20080630
US2012296044 AA	20121122	US20120562096	20120730
US2012296045 AA	20121122	US20120562122	20120730
US2013197161 AA	20130801	US20130795270	20130312
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WO10002668 A8	20110317	WO2009US48497	20090624
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WO14186381 A9	20150108	WO2014US37881	20140513

Priority:

US20080165037 20080630	WO2009US48497 20090624	US20120562122 20120730
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US20150815309 20150731	WO2014US37881 20140513	

Probable Assignee: FINA TECHNOLOGY INC

Assignee(s): (std): ASHBAUGH JOHN ; COFFY TIM ; COFFY TIM J ; DAUMERIE MICHEL ; FINA TECHNOLOGY ; LI FENGKUI ; RAUSCHER DAVID

Assignee(s): FINA TECHNOLOGY INC

Inventor(s): (std): ASHBAUGH JOHN ; COFFY TIM ; COFFY TIM J ; DAUMERIE MICHEL ; LI FENGKUI ; RAUSCHER DAVID ; TIM COFFY ; MICHEL DAUMERIE ; FENGKUI LI

Agent(s): JANTSCHY JASMIN; FINA TECHNOLOGY INC; ALEXANDER DAVID J ET AL; LOCKLAR MICHAEL

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: MOLDED PARTS CONTAINING A POLYLACTIC ACID COMPOSITION

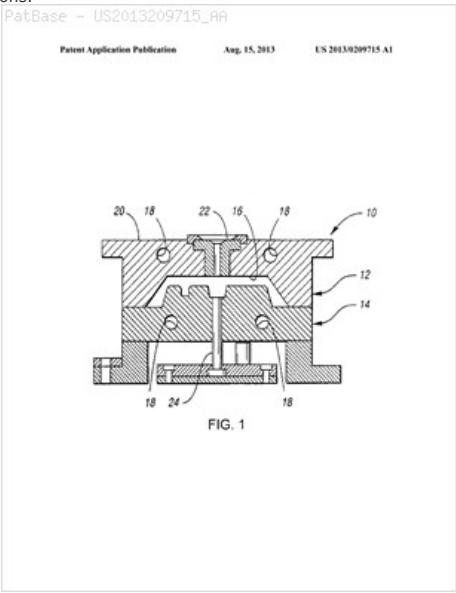
Abstract: Source: US2013209715A A molded part that is formed from a thermoplastic composition that contains a polylactic acid, propylene/alpha-olefin copolymer, and a polyolefin compatibilizer is provided. The propylene/alpha-olefin copolymer can be dispersed as discrete physical domains within a continuous matrix of the polylactic acid. Without intending to be limited by theory, it is believed that the discrete domains can help resist the expansion of the composition during a molding operation, which minimizes the degree of expansion experienced by the composition during molding in comparison to conventional polylactic acid compositions.

Classifications:

International (IPC 8-9): B29C45/00 B29D22/00 B32B1/02 C08F255/00 C08J5/00 C08L C08L23/08 C08L23/14 C08L23/16 C08L67/04 (Advanced/Invention); C08L (Subclass/Invention)

CPC: B29C45/00 B32B1/02 B29C45/0001 B29K2995/006 C08L67/04 Y10T428/1352

US: 264/328.1 428/35.7 524/504 524/528 525/186 525/190 525/64



Family:

Publication number	Publication date	Application number	Application date
AU2013217367 AA	20130815	AU20130217367	20130128
CN104114640 A	20141022	CN201380006930	20130128
CO7040994 A2	20140829	CO20140171728	20140806
EP2812397 A1	20141217	EP20130746870	20130128
EP2812397 A4	20150909	EP20130746870	20130128
IL233591 A0	20140831	IL20140233591	20140710
KR20140124766 A	20141027	KR20147022006	20130128
MX2014009532 A1	20140904	MX20140009532	20130128
US2013209715 AA	20130815	US20120370975	20120210
US8637130 BB	20140128	US20120370975	20120210
WO13118024 A1	20130815	WO2013IB50734	20130128

Priority:

US20120370975 20120210 WO2013IB50734 20130128

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s): (std): KIMBERLY CLARK CO ; WANG JAMES H ; WIDEMAN GREGORY J

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): WANG JAMES H ; WIDEMAN GREGORY J

Inventor(s): GREGORY J WIDEMAN ; JAMES H WANG

Agent(s): SPRUSON AND FERGUSON; J IAN RAISBECK; HOFFMANN BENJAMIN; DORITY AND MANNING PA; JOHNSTON JASON W 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 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 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: POLYLACTIC ACID RESIN COMPOSITION

Abstract: Source: US2009306287A The present invention relates to a polylactic acid resin composition. The composition includes about 25 to about 80 parts by weight of a polylactic acid resin, (B) about 20 to about 75 parts by weight of a polycarbonate resin, and (C) about 0.01 to about 5 parts by weight of a chain extender including an amine group, based on about 100 parts by weight of (A)+(B). The polylactic acid resin composition of the present invention is environmentally-friendly and has excellent hydrolysis resistance and simultaneously improved mechanical strength and heat resistance, and accordingly can be used for manufacturing various molded products requiring heat resistance and mechanical strength, for example vehicles, machine parts, electronic parts, office machines, miscellaneous goods, and the like.

Classifications:

International (IPC 8-9): C08G63/06 C08K5/17 C08K5/44 C08K5/544 C08L101/02 C08L23/36 C08L31/02 C08L33/12 C08L51/00 C08L51/04 C08L67/02 C08L67/04 C08L69/00 (Advanced/Invention);

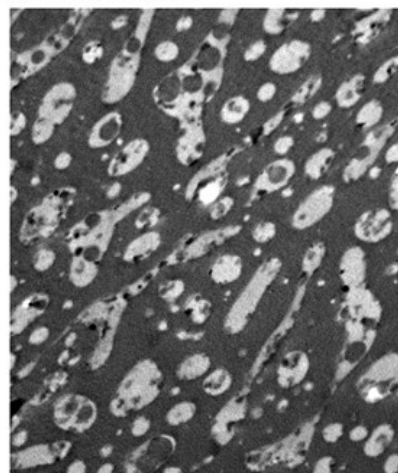
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CPC: C08L67/04 C08K5/544 C08L51/04 C08L55/02 C08L69/00

European: C08L67/04 C08L69/00 M08K5/544 M08L51/04 M08L55/02 M08L67/04 M08L69/00

US: 524/502 524/504 524/506 524/513 524/515 524/537 524/599 525/146 525/148 525/185 525/190 525/418 525/419 525/437 525/439 525/446 525/450 525/450S 525/462 525/464 525/63 525/67 525/67S

PatBase - US2009306287_RH



Family:

Publication number	Publication date	Application number	Application date
AT499413 E	20110315	AT20090162035T	20090605
CN101597423 A	20091209	CN200910145752	20090605
CN101597423 B	20120104	CN200910145752	20090605
DE602009000766 D1	20110407	DE200960000766T	20090605
EP2133392 A1	20091216	EP20090162035	20090605
EP2133392 B1	20110223	EP20090162035	20090605
JP2009293031 A2	20091217	JP20090136497	20090605
KR100962387 B1	20100610	KR20080053114	20080605
KR20090126804 A	20091209	KR20080053114	20080605
US2009306287 AA	20091210	US20090478888	20090605
US8044134 BB	20111025	US20090478888	20090605

Priority:

KR20080053114 20080605 US20090478888 20090605

Probable Assignee: CHEIL IND INC

Assignee(s): (std): CHEIL IND INC ; CHEIL IND INC KR

Assignee(s): CHEIL INDUSTRIES INC

Inventor(s): (std): CHANG DO JUNG ; CHUNG YOUNG MI ; JUNG CHANG DO ; YOUNG MI CHUNG

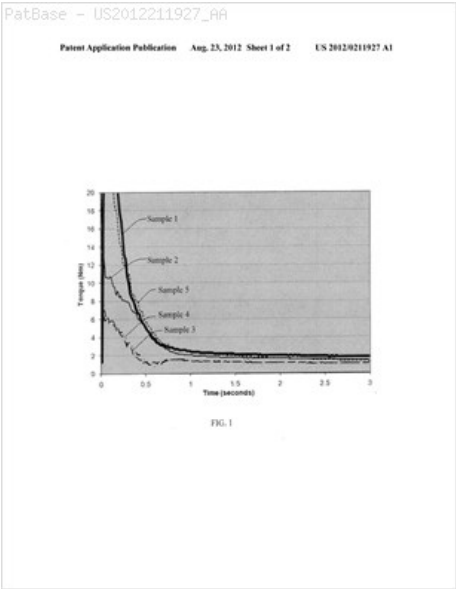
Agent(s): BUBLAK WOLFGANG; PANKOREA PATENT AND LAW FIRM; SUMMA ADDITON AND ASHE PA

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

Title: MODIFIED POLYLACTIC ACID, POLYMERIC BLENDS AND METHODS OF MAKING THE SAME

Abstract: Source: US2012211927A Polymeric compositions and processes of forming the same are discussed herein. The processes generally include contacting a polylactic acid with a reactive modifier selected from epoxy-functionalized polybutadiene, ionic monomer, and combinations thereof.

Classifications:
International (IPC 8-9): B29C45/00 B29C47/00 B29C49/00 B29C51/00 C08G63/02 C08L23/02 C08L23/12 C08L67/04 C08L9/00 (Advanced/Invention)
CPC: C08L23/12 C08L67/04 Y10T428/139 Y10T428/31515 Y10T428/31797 B29C45/0001 B29C47/0004 B29C47/0014 B29C47/0021 B29C47/0023 B29C47/065 B29C49/0005 B29C51/002 B29K2067/046 B32B7/12 B32B27/08 B32B27/32 B32B27/36 B32B2250/24 B32B2270/00 C08G63/912 C08L15/00 C08L23/10
European: B29C45/00B C08G63/91B C08L67/04 L29C47/00B L29C47/00J2 L29C47/00J5 L29C47/00J6 L29C47/06P L29C49/00B L29C51/00B L29K67/04D M08L23/02 M08L23/10
US: 264/177.1 264/177.100S 264/209.1 264/209.100S 264/311 264/311S 264/320 264/322 264/322S 264/328.1 264/328.100S 264/523 264/523P 428/36.9 428/414 428/483 525/186 525/186S 525/190 525/190S 525/333.2 525/450 525/450S



Family:

Publication number	Publication date	Application number	Application date
TW201245326 A	20121116	TW20120103147	20120131
US2012211927 AA	20120823	US20110030194	20110218
US2014072746 AA	20140313	US20130081073	20131115
US8628718 BB	20140114	US20110030194	20110218
WO12112266 A1	20120823	WO2012US22469	20120125

Priority:
US20110030194 20110218 US20130081073 20131115

Probable Assignee: FINA TECHNOLOGY INC

Assignee(s): (std): ASHBAUGH JOHN ; DOTTER ROBERT ; FINA TECHNOLOGY ; LI FENGKUI ; RAUSCHER DAVID

Assignee(s): FINA TECHNOLOGY INC

Inventor(s): (std): ASHBAUGH JOHN ; DOTTER ROBERT ; LI FENGKUI ; RAUSCHER DAVID

Agent(s): ALEXANDER DAVID J

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 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 RW 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: METHOD AND APPARATUS FOR MANUFACTURING PLASMA BASED PLASTICS AND BIOPLASTICS PRODUCED THEREFROM

Abstract: Source: US2008111272A A method of making a bioplastic, and a bioplastic produced thereby, by using human plasma in which human plasma is clotted, either dried through its gel phase or dried and powdered, and processed into a bioplastic with the addition of at least one plasticizer followed by forming and heating to form a final bioplastic construct.

Classifications:

International (IPC 8-9): A61B17/04 A61B17/064 A61K35/16 A61K35/48 A61K38/14 A61K38/16 A61K38/18 A61K38/19 A61K38/22 A61K38/37 A61K9/00 A61K9/70 A61L24/00 A61L24/10 A61L27/00 A61L27/22 A61L27/36 A61L27/50 A61L27/54 A61L31/00 A61P11/00 A61P17/00 A61P19/00 A61P19/04 A61P21/00 A61P27/02 A61P29/00 A61P31/00 A61P35/00 A61P37/02 A61P37/06 A61P5/00 A61P9/00 B28B11/00 B29C43/22 C08J3/20 C08J3/24 C08J5/18 C08J9/28 C08K3/32 C08L101/16 C08L89/00 C12N5/078 G01N33/68 (Advanced/Invention); A61K38/14 A61K38/16 A61K9/00 A61L24/00 A61L27/00 A61L31/00 A61P17/00 A61P19/00 A61P21/00 B28B11/00 B29C43/22 C08J3/24 C08J5/18 C08J9/00 C08K3/00 C08L89/00 G01N33/68 (Core/Invention)

International (IPC 1-7): A61L24/00

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Family:

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Probable Assignee: CARMELL THERAPEUTICS CORP

Assignee(s): (std): ALLEGHENY SINGER RES INST ; ALLEGHENY SINGER RES INST A PENNSYLVANIA NON PROFIT CORP ; CAMPBELL PHIL ; CAMPBELL PHIL G ; CARMELL LLC ; CARMELL THERAPEUTICS CORP ; CARNEGIE MELLON UNIV A PENNSYLVANIA CORP ; CARMELL THERAPEUTICS CORP A PENNSYLVANIA CORP ; KUMTA PRASHANT ; FISHER GREGORY W ; WEISS LEE E ; SMITH JASON ; SIPE DAVID M ; UNIV CARNEGIE MELLON ; CARNEGIE MELLON UNIVERISTY ; CARNELL THERAPEUTICS CORP ; BURGESS JAMES E

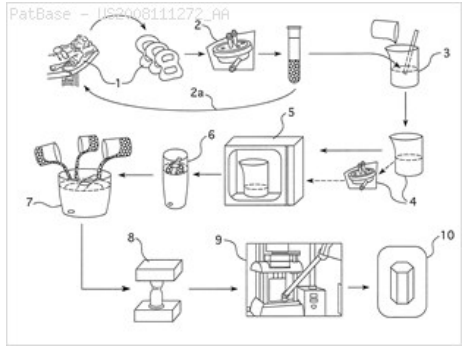
Assignee(s): CARNEGIE MELLON UNIV ; CARNEGIE MELLON UNIV5000 FORBES AVENUEPITTSBURGHPA15213US ; CARMELL THERAPEUTICS CORP ALLEGHENY SINGER ; CARMELL THERAPEUTICS A PENNSYLVANIA CORP ; ALLEGHENY SINGER RESEARCH INST ; ALLEGHENY SINGER RESEARCH INST A PENNSYLVANIA NON PROFIT CORP

Inventor(s): (std): BURGESS JAMES ; BURGESS JAMES E ; CAMPBELL PHIL ; CAMPBELL PHIL G ; FISHER GREGORY W ; KUMTA PRASHANT ; SIPE DAVID M ; SMITH JASON ; WEISS LEE ; WEISS LEE E

Inventor(s): WEISS LEE EUS ; SMITH JASONUS ; SIPE DAVID MUS ; KUMTA PRASHANTUS ; LEE E WEISS ; PHIL G CAMPBELL ; FISHER GREGORY WUS ; JAMES E BURGESS ; JASON SMITH ; CAMPBELL PHILUS

Agent(s): PIZZEYS ; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; POLYPATENT; GRUND MARTIN; MIYAKE TOSHIO; TSUKUNI AND ASSOCIATES; TSUKUNI HAJIME; WEBB LAW FIRM PC; FISH AND RICHARDSON PC; CANNONI ANN M ET AL

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 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: SPACER FILLER

Abstract: Source: US2004167625A A kit, comprising: an expandable spacer; and a quantity of a precursor to a bio-compatible elastic material.

Classifications:

International (IPC 8-9): A47J43/044 A47J43/07 A47J43/08 A47J44/02 A61B17/00 A61B17/02 A61B17/03 A61B17/16 A61B17/32 A61B17/34 A61B17/56 A61B17/58 A61B17/60 A61B17/68 A61B17/70 A61B17/72 A61B17/74 A61B17/86 A61B17/88 A61B18/04 A61C8/00 A61F2/00 A61F2/02 A61F2/28 A61F2/30 A61F2/36 A61F2/44 A61F2/46 A61F2/48 A61K6/08 A61L24/00 A61L24/04 A61L24/06 A61L27/16 A61L27/26 A61L27/58 A61L31/04 A61M5/00 A61M5/48 B01F13/00 B01F15/00 B01F15/02 B01F3/14 B01F5/14 B01F7/16 B01F7/30 B28C5/08 B28C5/46 B28C7/04 C08F2/44 C08F265/06 C08K7/16 C08L33/10 C08L33/12 C09J4/06 C12N7/00 C12Q1/68 C12Q1/70 C21D1/26 C21D1/34 C21D1/38 C21D9/26 C22F1/00 C22F1/18 C22F3/00 F01B1/00 F16H1/28 F16H57/08 G01L7/16 G01N33/56 G01N33/569 (Advanced/Invention); A61B17/00 A61B17/02 A61B17/03 A61B17/16 A61B17/22 A61B17/32 A61B17/34 A61B17/56 A61B17/58 A61B17/72 A61F2/00 A61F2/02 A61F2/28 A61F2/30 A61F2/44 A61F2/46 A61F2/48 A61K35/76 A61L27/00 A61L27/16 A61M5/315 C08L33/12 C12N5/10 G01N33/58 (Advanced/Non-invention); A47J44/00 A61B17/16 A61B17/22 A61B17/34 A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/88 A61B18/04 A61C8/00 A61F2/28 A61F2/36 A61F2/44 A61F2/46 A61K6/02 A61L24/00 A61L27/00 A61L31/04 B01F15/00 B01F7/16 B28C5/00 B28C7/00 C08F265/00 C08K7/00 C08L33/00 C09J4/06 C12N7/00 C12Q1/68 C21D1/26 C21D1/34 C22F1/18 C22F3/00 G01L7/00 G01N33/56 G01N33/569 (Core/Invention); A61B17/00 A61B17/02 A61B17/32 A61F2/00 A61F2/02 A61F2/28 A61F2/30 A61F2/46 A61F2/48 A61K35/66 A61L27/00 C12N5/10 G01N33/58 (Core/Non-invention); A61B A61F A61K A61L (Subclass/Invention)

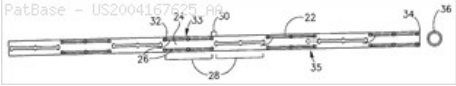
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Family:

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Probable Assignee: DEPUY SYNTHES PRODUCTS INC

Assignee(s): (std):	ABRAHAM J DOMB ; ADHYA SANKAR ; BEN YOSEF YOSEF ; BEYAR MORDECHAY ; DASSLER ADI KG ; DASSLER KG ADI ; DEPUY SPINE INC ; DEPUTY SPINE INC ; DEPUY SYNTHES PRODUCTS LLC ; DEPUY SYNTHES PRODUCTS INC ; DISCOTEC MEDICAL TECHNOLOGIES ; DISCOTEC N V ; DISC O TECH ORTHOPEDIC TECHNOL ; DISC ORTHOPAEDIC TECHNOLOGIES ; DISCO O TECH MEDICAL TECHNOLOG ; DISC O TECH LTD ; DISC O TECH MEDICAL ; DISC O TECH MEDICAL TECHNOLOGIE ; SHENHAV BOAZ ; LAMAROVITZ ILAN ; SHARON SIMON ; MAGAL ELAD ; VACHTENBERG OZ ; SHASHA URI ; DOMB ABRAHAM ; SHAVIT RONEN ; DISC O TECH MEDICAL TECHNOLOGI ; DISC O TECH MEDICAL TECH LTD ; OREN GLOBERMAN ; MORDECHAY BEYAR ; ELAD MAGAL ; MCKINSTRY MICHAEL ; HWANG JEESEONG ; GIULIAN GARY ; MERRIL CARL ; EDGAR ROTEM ; GLOBERMAN OREN ; KYPHON SARL ; US GOV COMMERCE ; US GOV HEALTH AND HUMAN SERV ; RONEN SHAVIT ; HILA WACHSLER AVRAHAMI ; WACHSLER AVRAHAMI HILA ; WARSAW ORTHOPEDIC INC
Assignee(s):	REPRESENTED BY SECRETARY OF COMMERCE NATIONAL INST ; SEC DEP OF HEALTH AND HUMAN SERVICES AS US GOV ; GLOBERMANN OREN ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF COMMERCE ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES ; HAND INNOVATIONS LLC ; HAND INNOVATIONS LLC325 PARAMOUNT DRIVERAYNHAMMA02767 0350US ; DOMB ABRAHAM JACKOB ; ROQUE HUMBERTO FERREYRO IRIGOYEN ; MARIO MARQUEZ MIRANDA ; ORTHOPHOENIX LLC ; REPRESENTED BY SECRETARY OF COMMERCE AS US GOV ; REPRESENTED BY SEC DEP OF HEALTH AND HUMAN SERVICES AS US GOV ; MEDTRONIC SPINE LLC ; REPRESENTED BY SEC DEP OF HEALTH AND HUMAN SERVICE ; REPRESENTED BY SECRETARY OF COMMERCE US GOV AS ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS ; DISC O TECH MEDICAL TECHNOLOGIES LTD11 HAHOSHLIM STREETP.O. BOX 1226546724HERZLIA PITUACHIL ; DISCOTEC NV ; DISC O TECH MEDICAL TECHNOLOGIES LTD ; DISC OTECH MEDICAL TECHNOLOGIES LTD ; DISC O TECH MEDICAL TECHNOLOGIE LTD ; DISCOTEC LANDHUIS JOONCHI KAYA INTERTRUST NVRJ BE ; DISCOTEC MEDICAL TECHNOLOGIES LTD ; DISC O TECH ORTHOPEDIC TECHNOLOGIES INC ; DISCO O TECH MEDICAL TECHNOLOGIES LTD ; DISC ORTHOPAEDIC TECHNOLOGIES INC ; DEPUY SPINE INC325 PARAMOUNT DRIVERAYNHAMMA02767US ; DEPUY SPINE LLC325 PARAMOUNT DRIVERAYNHAMMA02767US ; DEPUY SYNTHES PRODUCTS LLC325 PARAMOUNT DRIVERAYNHAMMA02767US ; DEPARTMENT OF HEALTH AND HUMAN SERVICES US GOV REP ; DEPUY SPINE LLC
Inventor(s): (std):	ADHYA SANKAR ; BEYAR MODECHAY ; BEYAR MORDECHAY ; EDGAR ROTEM ; FERREYRO ROQUE HUMBERTO ; FERREYRO ROQUE HUMBERTO IRIGOYEN ; GIULIAN GARY ; GLOBERMAN OREN ; HWANG JEESEONG ; MCKINSTRY MICHAEL ; MERRIL CARL ; MIRANDA MARIO MARQUEZ ; OZ VACHTENBERG ; RONEN SHAVIT ; SHAVIT RONEN ; SHENHAV BOAZ ; URI BEYAR MORDECHAY SHAVIT RON ; URI SHASHA ; WACHSLER AVRAHAMI HILA ; DOMB ABRAHAM ; HILA BEYAR MORDECHAY GLOBERMAN ; SHASHA URI ; SHARON SIMON ; OREN GLOBERMAN ; MORDECHAY BEYAR ; MAGAL ELAD ; LAMAROVITZ ILAN ; GLOBERMANN OREN ; ELAD MAGAL ; VACHTENBERG OZ ; BEN YOSEF YOSEF
Inventor(s):	SIMON SHARON ; BOAZ SHENHAV ; BEYAR MORDECHAY SHAVIT RONEN VACHTENBERG OZ GLOBERMAN OREN SHASHA URI ; BEYAR MORDECHAY SHAVIT RONEN VACHTENBERG OZ ; BEYAR MORDECHAY GLOBERMAN OREN DOMB ABRAHAM SHAVIT RONEN WACHSLER AVRAHAMI HILA ; ILAN LAMAROVITZ ; BEYAR MORDECHAY GLOBERMAN OREN DOMB ABRAHAM ; YOSEF BEN YOSEF ; DOMB ABRAHAM JACKOB ; DOMB ABRAHAMIL ; WACHSLER AVRAHAMI HILAIL ; SHAVIT RONENIL ; GLOBERMAN ORENIL ; HILA WACHSLER AVRAHAMI ; BEYAR MORDECHAY SHAVIT RONEN VACHTENBERG OZ GLOBER ; BEYAR MORDECHAYIL
Agent(s):	SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; CALLINANS; FISHER ADAMS KELLY CALLINANS; MARKS AND CLERK; OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; INTEGRAL IP; NORTON ROSE CANADA SENCRL SRL LLP; WALDREN ROBIN MICHAEL ET AL; MACHTALERE GEORGES ET AL; VIERING JENTSCHURA AND PARTNER; ORR ROBERT; GRANLEESE RHIAN JANE; SCHMITZ JEAN MARIE ET AL; WEYDERT ROBERT ET AL; ORR ROBERT ET AL; BELCHER SIMON JAMES; CARPINTERO MARIO; KATO MASANOBU; FENSTER AND CO INTELLECTUAL PROPERTY 2002 LTD C O REED SMITH LLP; WOLF BLOCK SCHORR AND SOLIS-COHEN LLP; WOLF BLOCK SCHORR AND SOLIS COHEN LLP; MARTIN D MOYNIHAN PRTSI INC; NUTTER MCCLENNEN AND FISH LLP; FENSTER AND CO; GE EHRlich 1995 LTD 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 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 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: POLYLACTIC ACID STEREOCOMPLEX RESIN COMPOSITION HAVING IMPROVED CRYSTALLIZATION RATE AND METHOD FOR MOLDING THE SAME

Abstract: Source: US2014378595A A molding method for obtaining a polylactic acid stereocomplex resin composition solving a limitation according to application of a typical polylactic acid resin composition. The molding method includes an environmentally-friendly material, and having excellent heat resistance and impact resistance. The polylactic acid stereocomplex resin composition includes about 40 to about 91.9 wt percent of a crystalline poly L-lactic acid, about 3 to about 50 wt percent of a crystalline poly D-lactic acid, about 5 to about 30 wt percent of an impact modifier, and about 0.1 to about 2 wt percent of a nucleating agent, and a method for molding the same.

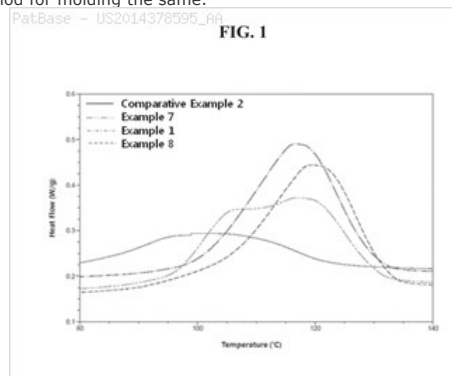
Classifications:

International (IPC 8-9): B29C45/00 B29C45/73 B29C71/02 C08J5/00 C08K3/34 C08K5/523 C08K5/527 C08L101/00 C08L101/16 C08L23/08 C08L33/04 C08L67/04 (Advanced/Invention);

B29K105/00 B29K33/00 B29K67/00 (Advanced/Non-invention)

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Publication number	Publication date	Application number	Application date
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Priority:

KR20130070328 20130619 US20140247326 20140408

Probable Assignee: LOTTE CHEMICAL CORP

Assignee(s): (std): LOTTE CHEMICAL CORP

Assignee(s): LOTTE CHEMICAL CORPORATION

Inventor(s): (std): KIM SEUNG HYUK ; LEE HYUN SUP ; NO TAE KYEONG

Agent(s): SWINDELL AND PEARSON LTD; IPD INT PATENT FIRM; SHERR AND JIANG PLLC

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: **POLYLACTIC ACID** COMPOSITION

Abstract: Source: US2012289625A A resin composition which comprises **polylactic acid**, does not release an isocyanate group at the time of production and has excellent hydrolysis resistance and a low environmental burden. The resin composition comprises: (A) 100 parts by weight of a resin component (component A) containing **polylactic acid** (component A-a); (B) 0.001 to 10 parts by weight of a compound (component B) having one carbodiimide group and a cyclic structure in which first nitrogen and second nitrogen are bonded to each other via a bonding group, the cyclic structure consisting of 8 to 50 atoms; and (C) 0.001 to 2 parts by weight of at least one antioxidant (component C) selected from the group consisting of a hindered phenol-based compound, a phosphite-based compound, a phosphonite-based compound and a thioether-based compound.

Classifications:

International (IPC 8-9): B29C45/00 C07D273/08 C07D498/10 C08K3/22 C08K3/26 C08K5/101 C08K5/13 C08K5/29 C08K5/3442 C08K5/3492 C08K5/35 C08K5/36 C08K5/372 C08K5/49 C08K5/51 C08K5/52 C08K5/524 C08K5/526 C08K5/5317 C08L101/16 C08L23/00 C08L63/00 C08L67/00 C08L67/02 C08L67/04 C08L69/00 (Advanced/Invention); C08L101/16 (Advanced/Non-invention); C08K5/101 C08K5/3442 C08K5/372 C08K5/526 C08L67/00 (Core/Non-invention)
CPC: C08K5/29 C07D273/08 C07D498/04 C07D498/10 C07D498/14 C08L101/16
European: C07D273/08 C07D498/04 C07D498/10 C07D498/14 C08L101/16
US: 523/451 523/453 523/456 524/133 524/140 524/323 524/392



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Publication number	Publication date	Application number	Application date
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Priority:
JP20100008165 20100118 JP20100026537 20100209 JP20100132928 20100610
JP20100132004 20100609 JP20100132003 20100609 JP20100127777 20100603
WO2011JP51145 20110117

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Agent(s): ALBRECHT THOMAS; OHSHIMA MASATAKA

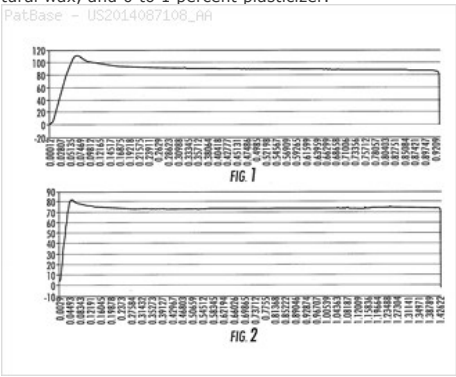
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT 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: EXTRUDABLE COMPOSITION DERIVED FROM RENEWABLE RESOURCES AND METHOD OF MAKING MOLDED ARTICLES UTILIZING THE SAME

Abstract: Source: US2014087108A Thus, the extrudable composition may comprise an extrudable composition having a heat deflection temperature greater than about 50 degrees centigrade and a melting point between 80 degrees centigrade to 190 degrees centigrade, the extrudable composition comprises 0 to 100 percent amorphous poly(lactic acid), 0 to 100 percent crystalline poly(lactic acid), 0.1 to 4 percent natural oil, 0.01 to 5 percent nanofibers, 0.05 to 8 percent cyclodextrin, 0 to 10 percent crystallinity agent, 0 to 1 percent starch-based melt rheology modifier, 0 to 1 percent polysaccharide crystallinity retarder, 0 to 1 percent natural wax, and 0 to 1 percent plasticizer.

Classifications:

International (IPC 8-9): B29C45/00 B29C47/00 B29C47/78 B29C49/00 B65D65/40 B65D65/46 C08K3/00 C08K3/34 C08K5/09 C08K5/10 C08K5/103 C08K7/02 C08L3/02 C08L5/00 C08L5/16 C08L67/04 C08L91/00 (Advanced/Invention)
CPC: C08L5/00 C08L1/02 C08L3/02 C08L5/16 C08L91/00 C08L91/06 C08L2205/16 Y10T428/1372 C08K3/0033 C08K3/34 C08K5/10 C08K7/02 B29C45/0001 B29C49/0005 C08L2205/03 C08L2203/10 C08L2205/06 C08L2201/06 B29K2835/00 B29L2031/7158 Y10T428/1397 C08L67/04
US: 264/328.1 264/500 428/36.4 524/48



Family:

Publication number	Publication date	Application number	Application date
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Priority:

US20120705683P 20120926 US20120726188P 20121114 US20130790889 20130308
US20130844155P 20130709 WO2013US61373 20130924 US20130422332 20130924

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Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; ROBIC; GIBBS RICHARD; MYERS BIGEL SIBLEY AND SAJOVEC PA

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 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