

Search history

Search 1: ((acetic w1 acid) 1d anhydride) or (acetic w1 acid) or (formic w1 acid) or (propanoic w1 acid) or acetylat* (Results 638470)

Search 2: (coffee w1 residue) or ((coffee w1 bean) w1 residue) or (coffee w1 husk) or (coffee w1 peel) or ((coffee w1 bean) w1 skin) or (coffee w1 grounds) (Results 5754)

Search 3: latex w1 filler (Results 201)

Search 4: pd<20160601 (Results 1000000)

Search 5: 1 and 2 and 3 and 4 (Results 0)

Search 6: 4 and 1 and 3 (Results 29)

Search 7: (latex w1 filler) or (rubber w1 filler) or (caoutchouc w1 filler) (Results 2726)

Search 8: 4 and 1 and 2 and 7 (Results 0)

Search 9: 1 and 2 and 4 (Results 383)

Search 10: latex or rubber or caoutchouc (Results 1000000)

Search 11: 9 and 10 (Results 178)

Search 12: filler (Results 651381)

Search 13: 11 and 12 (Results 7)

Title: IMPROVED CHEWING GUM AND CANDY PRODUCTS

Abstract: Confections that contain coffee or tea are provided. By providing such compositions, the resultant confection compositions provide a real, full body coffee or tea flavor to the consumer. Additionally, in an embodiment, the compositions provide the consumer with a source of caffeine. If desired, decaffeinated coffee or tea can be utilized to provide the tea or coffee taste without a dose of caffeine.

Classifications:

International (IPC 8-9): A23G3/00 A23G3/02 A23G3/30 A23G3/34 A23G3/48 A23G4/00 A23G4/02 A23G4/06 A23G4/08 (Advanced/Invention);

A23G3/00 A23G3/34 (Advanced/Non-invention);

A23G3/00 A23G3/02 A23G3/34 A23G4/00 A23G4/02 A23G4/06 (Core/Invention)

International (IPC 1-7): A23G3/00 A23G3/30

CPC: A23G3/0205 A23G3/48 A23G4/02 A23G4/068 A23G4/08

European: A23G3/00 A23G3/00+D14 A23G3/02K A23G3/30 A23G3/30+D14 A23G3/48 A23G4/02 A23G4/06P A23G4/08

Family:

Publication number	Publication date	Application number	Application date
AU199471767 A1	19950117	AU19940071767	19940622
AU676929 B2	19970327	AU19940071767	19940622
CA2165172 AA	19951213	CA19942165172	19940622
CN1125902 A	19960703	CN19941092551	19940622
EP0711116 A1	19960515	EP19940920789	19940622
EP0711116 A4	19981209	EP19940920789	19940622
FI956229 A	19960222	FI19950006229	19951222
FI956229 A0	19951222	FI19950006229	19951222
JP9501311 T2	19970210	JP19940503055T	19940622
KR19960702988 A	19960619	KR19950705860	19940622
RU96100746 A	19980310	RU19960100746	19960123
WO9500038 A1	19950105	WO1994US07021	19940622

Priority:

US19930081477 19930623 WO1994US07021 19940622

Probable Assignee: WRIGLEY W M JUN CO

Assignee(s): (std): WRIGLEY W M JUN CO

Assignee(s): CORRIVEAU CHRISTINE L ; O KONSKI SUSAN K ; REAM RONALD L ; WM WRIGLEY JR CO ; WM WRIGLEY JR COMPANY

Inventor(s): (std): CORRIVEAU CHRISTINE M ; CORRIVEAU CHRISTINEK L ; O KONSKI SUSAN K ; REAM RONALD L

Inventor(s): RONALD L REAM ; SUSAN K O KONSKI ; CHRISTINE M CORRIVEAU ; CORRIVEAU CHRISTINE L

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; BARRIGAR AND MOSS

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA UZ VN

Title: SCREW TYPE PROCESSING DEVICE AND PRODUCT USING THE DEVICE

Abstract: A screw type processing device provides a film-formable thermoplastic composition formed mainly of polysaccharide and protein by continuously compressing substances together with carbon dioxide gas to form fluid in a critical state, processes the fluid and is capable of efficiently manufacturing a practicable polyester foam body. A pressure reduction part with increased space volume between screw vanes is formed continuously with an extruding screw of a material supply part by reducing the diameter of the shaft of the screw, and carbon dioxide gas is led into the pressure reduction part. Also, a compression part formed of a screw having a shaft with increased diameter and narrowed vanes is positioned after the pressure reduction part. The diameter of the shaft is made substantially equal to the inner periphery of a barrel, and an orifice part having an orifice formed on the surface or periphery of the shaft is formed. The maximum flow velocity of orifice passing substances is desirably designed to be 10 to 1500 cm/sec.

Classifications:

International (IPC 8-9): A23G3/02 A23L1/00 A23L1/05 B01D11/00 B01F3/12 B01F5/06 B01F7/08 B01J3/00 B29C47/58 B29C47/60 C08B1/00 C08B30/04 C08B30/06 C08G63/91 C08J3/00 C08J3/20 C08J9/06 C08J9/12 C08L1/00 C08L3/00 C08L3/02 C08L67/00 C08L89/00 C08L99/00 (Advanced/Invention);

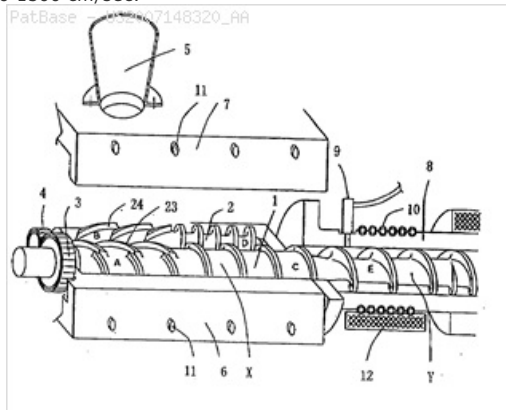
C08L89/00 C08L99/00 (Advanced/Invention),
A23G3/02 B29C47/58 B29C47/60 C08J3/20 C08J9/00 C08L1/00
C08L3/00 C08L67/00 C08L99/00 (Core/Invention)

International (IPC 1-7): C08J3/20 C08J9/06 C08L1/00 C08L3/00
C08L67/00 C08L99/00

CPC: B29C48/08 B29C48/501 B29C48/505 C08J9/122 C08J2203/08

European: B29C47/58B B29C47/60 C08J9/12B M08J203/08

US: 426/512 426/512S 426/634 426/634P



Family:

Publication number	Publication date	Application number	Application date
■ CN1886446 A	20061227	CN200480035432	20040929
■ EP1674502 A1	20060628	EP20040788314	20040929
■ JP2005030845 A1	20061207	JP20050514252T	20040929
■ JP4044952 B1	20080206	JP20050514252T	20040929
■ JP4044952 B2	20080206	JP20050514252T	20040929
■ TW200526713 A	20050816	TW20040129610	20040930
■ TWI372769 B	20120921	TW20040129610	20040930
■ US2007148320 AA	20070628	US20040574089	20040929
■ WO05030845 A1	20050407	WO2004JP14248	20040929

Priority:

JP20030340611	20030930	JP20030340612	20030930	JP20030342812	20031001
JP20030374239	20031104	JP20040114873	20040409	JP20040166551	20040604
WO2004JP14248	20040929				

Probable Assignee: CHOU JOHNNY

Assignee(s): (std): CHOU JOHNNY : KOSUKE UCHIYAMA : UCHIYAMA KOSUKE

Inventor(s): (std): KOSUKE UCHIYAMA ; UCHIYAMA KOSUKE

Agent(s): MINORI PATENT PROFESSION CORP; TAKEISHI YASUHIKO; MURATA NORIKO; TOKUOKA SHUJI; SHIGEMOTO HIROMITSU; OSUMI NAKO; KIRSCHSTEIN OTTINGER ISRAEL AND SCHIFFMILLER PC

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 LI 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: LIGNIN-CONTAINING POLYMERS AND COMPOSITIONS INCLUDING LIGNIN-CONTAINING POLYMERS

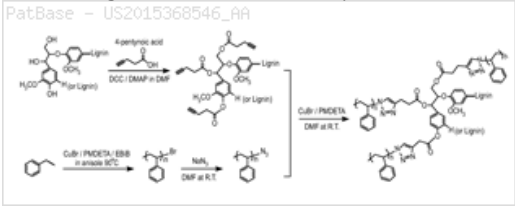
Abstract: A composition includes an agent formed by grafting at least a first polymer with lignin and a component other than the agent, lignin or the at least a first polymer, wherein lignin has an affinity for the component. A method of dispersing a component in a matrix includes adding an agent to the matrix. The agent is formed by grafting at least a first polymer with lignin. The first polymer has an affinity for the matrix. Lignin has an affinity for the component. The component is other than the agent, lignin or the at least a first polymer. The method for includes contacting the matrix with the component.

Classifications:

International (IPC 8-9): C08F251/02 C08F291/04 C08F293/00 C08G81/02 C08H7/00 C08K3/04 C08L101/00 C08L97/00 C09K8/588 (Advanced/Invention)

CPC: C09K8/588 C08F251/02 C08F291/04 C08F293/005 C08F2438/01 C08G81/02 C08H6/00 C08K3/04 C08L97/005

US: 507/206



Family:

Publication number	Publication date	Application number	Application date
US2015368546 AA	20151224	US20140762332	20140122
US9914870 BB	20180313	US20140762332	20140122
WO14116672 A1	20140731	WO2014US12505	20140122

Priority:

US20130849233P 20130122 US20130962059P 20131030 WO2014US12505 20140122
US20140762332 20140122

Probable Assignee: UNIV CARNEGIE MELLON

Assignee(s): (std): UNIV CARNEGIE MELLON

Assignee(s): CARNEGIE MELLON UNIV

Inventor(s): (std): CHUNG HOYONG ; WASHBURN NEWELL R

Agent(s): BARTONY AND ASSOCIATES LLC; BARTONY HENRY E JR

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 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: SOIL CONDITIONER AND GARDEN MOLD ON THE BASIS OF COFFEE EXTRACTION RESIDUE

Abstract: 1292049 Soil improving composition DEUTSCHE GOLD-UND SILBER SCHEIDEANSTALT 15 Oct 1969 [15 Oct 1968 9 June 1969] 50636/69 Heading C1B An agent for protecting and improving soil comprises decomposed extraction residues accumulating during the production of bean coffee and/or artificial coffee powder, iron and a mineral additive which is a finely divided synthetic silica or silicate or a pyrogenic aluminium oxide. The agent may also contain other organic wastes or polymers and/or mineral and/or vegetable pure or spent oils and optionally carbon black, charcoal powder or alkaline earth or alkali metal formates.

Classifications:

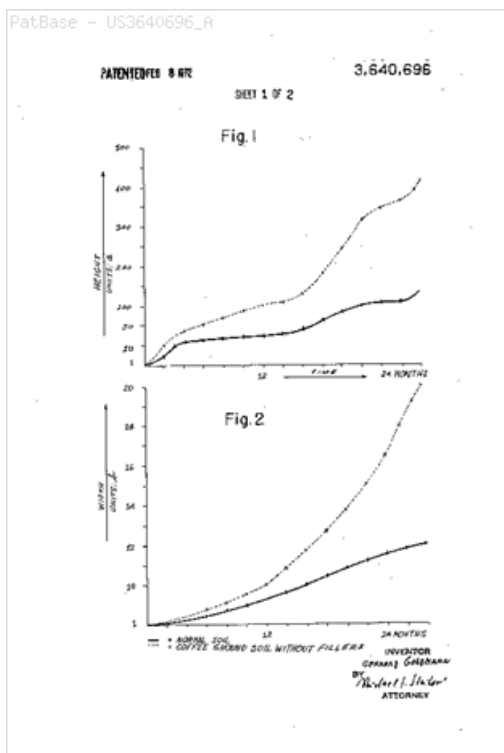
International (IPC 8-9): C05F1/00 C05F11/00 (Advanced/Invention); C05F1/00 C05F11/00 (Core/Invention)

International (IPC 1-7): A01N7/00 A01N7/02 C05D1/00 C05F11/00 C05F11/08 C05F5/00 C05G1/00 C05G3/04

CPC: C05F11/00 C05F1/00 Y02P20/145 Y02A40/201

European: C05F1/00 C05F11/00

US: 71/25 71/250 71/27 71/270 71/62 71/620 71/9



Family:

Publication number	Publication date	Application number	Application date
CH560172 A	19750327	CH19690013374	19690904
DE1803103 A1	19700416	DE19681803103	19681015
DE1929195 A1	19710107	DE19691929195	19690609
FR2023318 A1	19700821	FR19690035337	19691015
GB1292049 A	19721011	GB19690050636	19691015
IL33112 A0	19691231	IL19690033112	19691003
IL33112 A1	19730228	IL19690033112	19691003
NL6915219 A	19700417	NL19690015219	19691008
US3640696 A	19720208	US19690865146	19691009

Priority:

DE19681803103 19681015 DE19691929195 19690609

Probable Assignee: DEGUSSA

Assignee(s): (std): DEGUSSA ; GOLDMANN GERHARD

Assignee(s): DEUTSCHE GOLD U SILBER SCHEIDEANSTALT ; DEUTSCHE GOLD UND SILBER ; DEUTSCHE GOLD UND SILBER SCHEIDEANSTALT ; DEUTSCHE GOLD UND SILBER SCHEIDEANSTALT VORMALS ROESSLER

Inventor(s): (std): GOLDMANN GERHARD

Inventor(s): GERHARD GOLDMANN

Agent(s): REINHOLD COHN AND PARTNERS

Title: EXTRACT OF A MYCELIATED AGRICULTURAL SUBSTRATE AND ITS USE AS A NUTRACEUTICAL COMPOSITION

Abstract: The present invention provides an aqueous extract of a myceliated agricultural substrate for use as a nutraceutical or food composition for human consumption comprising at least one small molecule compound, wherein mycelia is grown on an agricultural substrate by inoculating the agricultural substrate with a pure strain of a fungal culture selected from the group comprising Basidiomycota and Ascomycota derived from a liquid fermentation, under optimum growth conditions. The present invention further provides methods of formation of an aqueous extract and nutraceutical or food compositions obtained from the extract. The aqueous extract and the nutraceutical compositions obtained from the extract thereof have neuroprotective and neuroregenerative properties amongst many other therapeutic properties.

Classifications:

International (IPC 8-9): A23F5/02 A23F5/16 A23F5/20 A23G1/00 A23G1/02 A23L1/00 A23L1/015 A23L1/03 A23L1/08 A23L1/105 A23L1/20 A23L1/28 A23L1/29 A23L1/30 A23L1/36 A23L1/39 A23L25/00 A23L29/00 A23L33/00 A23L33/10 A23L5/20 A47C21/02 C04B35/58 C12N1/12 C12N1/14 C12P1/02 C12P13/00 C12P19/04 C22C29/14 C23C4/10 F16N99/00 (Advanced/Invention); A23G1/30 A23G1/42 (Advanced/Non-invention)

CPC: A23F5/163 A47C21/022 A23F5/204 A23G1/02 A23F5/02 C12N1/14 A23L1/29 A23L1/368 A23L1/0008 A23L1/0158 A23L1/0345 C12N1/12 A23G1/30 A23G1/42 A23G1/423 A23L7/104 A23L11/09 A23L21/25 A23L23/00 A23L33/105 A23L1/30 A23G1/0006 A23G1/002 A23L33/10 A23L25/40 A23L29/065 A23L5/28 A23L5/55 A23L5/00 A23L7/00 A23L21/00 A23L31/00 A23L33/00

US: 1/1 108/102 184/109 424/115 426/45 426/595 426/60 426/61 426/631 435/101 435/105 435/167 435/171 435/254.1 435/71.1 435/88

PatBase - US2014065131_AA

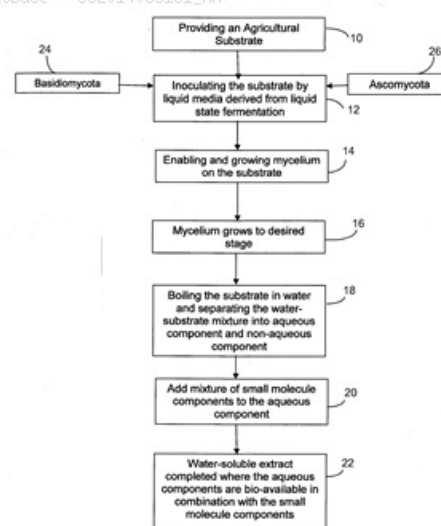


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
AU2014233200 AA	20151001	AU20140233200	20140315
AU2014233200 BB	20160804	AU20140233200	20140315
AU2014233209 AA	20151001	AU20140233209	20140315
AU2014233209 BB	20160804	AU20140233209	20140315
BR112015023468 A2	20170718	BR20151123468	20140315
BR112015023652 A2	20170718	BR20151123652	20140315
CN105228462 A	20160106	CN201480028279	20140315
CN105682480 A	20160615	CN201480028249	20140315
EP2986134 A1	20160224	EP20140765389	20140315
EP2986134 A4	20161221	EP20140765389	20140315
EP2986159 A2	20160224	EP20140763975	20140315
EP2986159 A4	20161012	EP20140763975	20140315
IN03409KN2015 A	20160318	IN2015KN03409	20151014
IN03433KN2015 A	20160318	IN2015KN03433	20151014
JP2016512699 T2	20160509	JP20160503300T	20140315
JP2016517280 T2	20160616	JP20160503304T	20140315
JP2018050626 A2	20180405	JP20170208402	20171027
JP6186070 B2	20170823	JP20160503300T	20140315
KR101786644 B1	20171018	KR20157029425	20140315
KR20150131293 A	20151124	KR20157029417	20140315
KR20150140687 A	20151216	KR20157029425	20140315
KR20180081171 A	20180713	KR20187019060	20140315
SG11201507484Y A1	20151029	SG20151107484	20140315
SG11201507655R A1	20151029	SG20151107655	20140315
US2014065131 AA	20140306	US20130874832	20130501
US2014065263 AA	20140306	US20130859719	20130409
US2014170264 AA	20140619	US20130020512	20130906
US2014302560 AA	20141009	US20130844685	20130315
US2015007757 AA	20150108	US20140321800	20140701
US2015257405 AA	20150917	US20150659057	20150316
US2015257406 AA	20150917	US20150659595	20150316
US2015272155 AA	20151001	US20150734943	20150609
US2016120201 A9	20160505	US20150659057	20150316
US9068171 BB	20150630	US20130844685	20130315
US9427008 BB	20160830	US20130859719	20130409
US10231469 BB	20190319	US20150659595	20150316
WO14145256 A1	20140918	WO2014US29989	20140315
WO14145265 A2	20140918	WO2014US29998	20140315
WO14145265 A3	20141106	WO2014US29998	20140315

Priority:

US20120697506P 20120906

US20130802256P 20130315

US20130844685 20130315

US20130859719	20130409	US20130874832	20130501	US20130802356P	20130703
US20130844498P	20130710	US20130857671P	20130723	US20130866371P	20130815
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Probable Assignee: MYCOTECHNOLOGY INC

Assignee(s): (std): EDDY BRIAN GEORGE ; KELLY BROOKS JOHN ; LANGAN JIM ; MYCO TECHNOLOGY INC ; MYCOTECHNOLOGY INC ; PHILLIPS JONATHAN FREESTONE

Inventor(s): (std): BROOKS JOHN KELLY ; EDDY BRIAN GEORGE ; FORTIN KEVIN ; JAMES PATRICK LANGAN ; KELLY BROOKS JOHN ; KELLY QUINN ; LANGAN JAMES PATRICK ; LANGAN JIM ; PHILLIPS JONATHAN FREESTONE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; CLEGG RICHARD IAN; YAMAMOTO OSAMU; TAKEUCHI SHIGEO; ONO SHINJIRO; KOBAYASHI YASUSHI; TERACHI TAKUMI; MIYAMAE TORU; NAKANISHI MOTOHARU; SWANSON AND BRATSCHUN LLC; LEYDIG VOIT AND MAYER LTD; SWANSON BARRY J ET AL; SMITH MARY BREEN 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: POLYLACTIC ACID BASED RESIN, POLYLACTIC ACID BASED RESIN COMPOSITION, MOLDED BODY OF POLYLACTIC ACID BASED RESIN OR POLYLACTIC ACID BASED RESIN COMPOSITION, AND METHOD FOR PRODUCING POLYLACTIC ACID BASED RESIN

Abstract: It is an object of the present invention to provide a resin composition having improved heat resistance (high crystallinity) and transparency without impairing rigidity intrinsic to a polylactic acid based resin, a molded body formed from the resin composition, and a new polylactic acid based resin used in the resin composition. A polylactic acid based resin (A) according to the present invention is characterized by having a specific structural moiety and a weight average molecular weight (Mw) of 5,000 to 1,000,000. A polylactic acid based resin composition according to the present invention is characterized by containing the above-described polylactic acid based resin (A).

Classifications:

International (IPC 8-9): C08G63/06 C08G63/08 C08G63/68 C08G69/26 C08J5/00 C08K5/00 C08K5/05 C08K5/10 C08K5/20 C08L101/16 C08L67/00 C08L67/04 (Advanced/Invention); C08G63/08 C08G63/68 C08K5/20 C08L101/16 C08L67/04 (Advanced/Non-invention); C08G63/00 C08G63/08 C08G63/68 C08J5/00 C08K5/00 C08K5/20 C08L67/00 (Core/Invention); C08G63/06 C08G63/68 C08J5/00 C08K5/05 C08K5/10 C08K5/20 C08L101/00 C08L101/16 C08L67/04 (Core/Non-invention)

International (IPC 1-7): C08G63/08 C08G63/68 C08K5/20

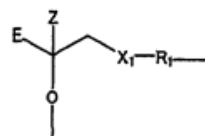
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European: C08G63/08 C08G63/685B C08G63/688B C08G63/695B C08L67/04 M08G261/126 M08G77/16 M08K5/00P10 M08K5/20 M08L205/02 M08L67/04

US: 524/210 524/221 524/223 524/315 524/315S 524/379 524/379S 525/419 525/419S 525/421 525/421S 528/345 528/345S 528/354 528/354S

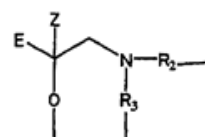
PatBase v. 10.0425025_B

[化 1]



(1)

[化 2]



(1')

Family:

Publication number	Publication date	Application number	Application date
CN101939353 A	20110105	CN200980104100	20090227
CN101939353 B	20121031	CN200980104100	20090227
DE602009028365 D1	20150129	DE200960028365T	20090227
EP2256144 A1	20101201	EP20090714586	20090227
EP2256144 A4	20130911	EP20090714586	20090227
EP2256144 B1	20141217	EP20090714586	20090227
JP2009107772 A1	20110707	JP20100500764T	20090227
JP5511652 B1	20140604	JP20100500764T	20090227
JP5511652 B2	20140604	JP20100500764T	20090227
KR101205049 B1	20121126	KR20107017443	20090227
KR20100110859 A	20101013	KR20107017443	20090227
TH112153 A	20120215	TH20091000883	20090227
TW200948852 A	20091201	TW20090106476	20090227
TWI425025 B	20140201	TW20090106476	20090227
US2010331464 AA	20101230	US20090735922	20090227
US8288463 BB	20121016	US20090735922	20090227
WO09107772 A1	20090903	WO2009JP53667	20090227

Priority:

JP20080046481 20080227 EP20090714586 20090227 WO2009JP53667 20090227
JP20100500764 20090227

Probable Assignee: MITSUI CHEMICALS INC

Assignee(s): (std): HIGUCHI CHOJIRO ; ISOKAWA MOTOAKI ; MITSU CHEMICALS INC ; MITSUI CHEMICALS INC ; URAKAMI TATSUHIRO

Inventor(s): (std): CHOJIRO HIGUCHI ; HIGUCHI CHOJIRO ; ISOKAWA MOTOAKI ; MOTOAKI ISOKAWA ; TATSUHIRO URAKAMI ; URAKAMI TATSUHIRO

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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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: HYBRID DISPERSIONS AND METHODS FOR PRODUCING THE SAME

Abstract: The instant invention is a hybrid dispersion, method of producing the same, articles made therefrom, and method of making such articles. The hybrid dispersion according to the present invention comprises the blending product of: (a) less than 30 percent by weight of a minor component comprising a hydrophobic polyurethane dispersion derived from one or more natural oil based polyols, based on the weight of the hybrid dispersion; and (b) less than 100 percent by weight of a major component selected from the group consisting of a **latex** emulsion, an epoxy, and a polyolefin dispersion; wherein the hybrid dispersion has a solid content in the range of 10 to 75 percent based on the weight of the hybrid dispersion.

Classifications:

International (IPC 8-9): C08G18/08 C08G18/10 C08G18/32 C08G18/36 C08G18/40 C08G18/75 C08G18/80 C08K3/00 C08K5/00 C08L101/00 C08L23/00 C08L63/00 C08L75/04 C09D121/02 C09D123/00 C09D133/00 C09D163/00 C09D175/04 C09D5/02 C09D7/12 (Advanced/Invention)

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CN102421815 A	20120418	CN201080020472	20100222
EP2473541 A1	20120711	EP20100705959	20100222
JP2012522103 T2	20120920	JP20120503450T	20100222
KR20120000571 A	20120102	KR20117025634	20100222
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