

1) Family number: 1297428 (US4089981A)

© PatBase

Title: FIBROUS SIMULATED **FOOD** PRODUCT WITH GEL STRUCTURE

Abstract: Source: US4089981A Simulated solid consistency cohesive **food** products are provided by incorporating flavoring, coloring, and texturizing agents with a low calorie oleaginous fibrous **food** base composition. The base composition comprises a mixture of edible oil, water and particulate fibrous cellulose combined with a cohesive gelling agent to provide a product having a cohesive gel structure. Non-gelling edible gums may be mixed therewith to provide desired textural characteristics. The base composition may be produced by mixing an edible gum and a gelling agent with water, mixing an oil and emulsifier therewith, uniformly mixing particulate fibrous cellulose throughout the mass of the binding mixture, with flavoring, coloring, and texturizing agents being added as desired, and subjecting the mixture to conditions under which it sets to form a supporting cohesive gel structure.

Classifications:

International (ipc 8-9): A23C20/02 A23D7/00 A23D7/005 A23D7/015 A23G9/00 A23J3/22 A23L1/00 A23L1/187 A23L1/19 A23L1/24 A23L1/308 (Advanced/Invention);
A23C20/00 A23D7/00 A23D7/005 A23D7/015 A23G9/00 A23J3/00 A23L1/00 A23L1/187 A23L1/19 A23L1/24 A23L1/308 (Core/Invention)

International (ipc 1-7): A23C13/00 A23C19/00 A23C19/12 A23D3/00 A23D5/00 A23D5/02 A23G1/00 A23G3/00 A23G9/00 A23J3/00 A23L1/04 A23L1/24 A23L1/30 A23L1/31 A23L1/34

CPC: Y10S426/804 Y10S426/801 Y10S426/802 A23L33/24 A23J3/227 A23C20/02 A23D7/0053 A23J3/225

European: A23C20/02 A23D7/005N A23J3/22C A23J3/22C2 A23L1/308B

US: 426/104 426/250 426/330.6 426/573 426/574 426/575 426/576 426/577 426/578 426/601 426/604 426/613 426/658 426/801 426/802 426/804

Family:

Publication number	Publication date	Application number	Application date
AU197722442 A1	19780824	AU19770022442	19770218
CA1085218 A1	19800909	CA19770272599	19770224
DE2709297 A1	19770908	DE19772709297	19770303
FR2342667 A1	19770930	FR19770006113	19770302
FR2342667 B3	19800201	FR19770006113	19770302
GB1575816 A	19801001	GB19770007271	19770221
JP52108036 A2	19770910	JP19770023296	19770302
NZ183356 A	19800305	NZ19770183356	19770216
US4089981 A	19780516	US19760693094	19760604
US4156021 A	19790522	US19770775902	19770309

Priority:

CA19770272599 19770224 US19760663498 19760303 US19760715909 19760819
US19760693094 19760604

Probable Assignee: MAXFIBE FOODS INC

Assignee(s): (std): CANTRELL KAY KITCHENS LTD ; KAY CANTRELL KITCHENS LTD ; MAXFIBE FOODS INC

Assignee(s): RICHARDSON TERENCE W

Inventor(s): (std): RICHARDSON T ; RICHARDSON TERENCE W ; TERANSU DABURIYUU RICHIIAADOSO

Inventor(s): TERENCE W RICHARDSON ; W RICHARDSON TERENCE

Agent(s): BORDEN LADNER GERVAIS LLP

2) Family number: 34354147 (US2007124836A)

© PatBase

Title: METHODS FOR GENETIC CONTROL OF INSECT INFESTATIONS IN PLANTS AND COMPOSITIONS THEREOF

Abstract: Source: US2007124836A The present invention relates to control of pest infestation by inhibiting one or more biological functions. The invention provides methods and compositions for such control. By feeding one or more recombinant double stranded RNA molecules provided by the invention to the pest, a reduction in pest infestation is obtained through suppression of gene expression. The invention is also directed to methods for making transgenic plants that express the double stranded RNA molecules, and to particular combinations of transgenic pesticidal agents for use in protecting plants from pest infestation.

Classifications:

International (ipc 8-9): C07K14/435 A01H1/00 A01H5/00 A01H5/10 A01M1/20 A01M29/00 A01N25/00 A01N25/06 A01N43/34 A01N47/44 A01N57/10 A01N57/16 A01N61/00 A01N63/00 A01N63/02 A01N63/04 A01N65/00 A01P1/00 A01P17/00 A01P19/00 A01P21/00 A01P3/00 A01P5/00 A01P7/04 A23B9/26 A23G1/00 A23G1/30 A23G1/32 A23K1/00 A23K1/16 A23K1/18 A23L1/00 A23L1/10 A23L1/30 A23L1/48 A23L3/3463 A61K31/10 A61K31/7105 A61K31/711 A61K31/713 A61K35/74 A61K36/06 A61K38/00 A61K48/00 A61K9/12 A61K9/48 A61P31/04 A61P33/06 C07H21/00 C07H21/02 C07H21/04 C07K1/14 C08B30/00 C11B1/00 C12N C12N1/13 C12N1/15 C12N1/19 C12N1/20 C12N1/21 C12N15/09 C12N15/11 C12N15/113 C12N15/12 C12N15/32 C12N15/63 C12N15/82 C12N15/87 C12N5/04 C12N5/10 C12P19/34 C12Q1/68 (Advanced/Invention);
A01N25/00 A01N63/00 C07H21/02 C07H21/04 C07K14/435 (Advanced/Non-invention);
A01H1/00 A01H5/00 A01H5/10 A01M29/00 A01N43/34 A01N57/00 A01N63/00 A01N63/02 A01N65/00 A01P1/00 A01P17/00 A01P3/00 A01P5/00 A01P7/04 A23G1/00 A23G1/30 A23L1/48 A23L3/3463

PatBase - US2007/0124836_A1

Patent Application Publication: May 31, 2007 Sheet 1 of 7 US 2007/0124836 A1

FIG. 1

DV49 (98503) F1 Bioassay

Bar chart showing the Mean Squared Error (MSE) for various DV49 (98503) F1 Bioassay treatments. The y-axis represents MSE, ranging from 0 to 3. The x-axis lists 14 treatments. A horizontal line at MSE = 0.5 indicates the Economic Injury Threshold. Error bars are shown for each treatment.

Treatment	MSE (approx.)
LM96DM_S1901E1	0.1
LM96DM_S1916A	0.1
LM96DM_S1918A	0.1
LM96DM_S1919T	0.1
LM96DM_S1920S	0.1
LM96DM_S1921S	0.1
LM96DM_S1924S	0.1
LM96DM_S1925S	0.1
LM96DM_S1910S2	0.1
LM96DM_S1912T	0.1
LM96DM_S1916A	2.2
LM96DM_S1918A	2.1
LM96DM_S1919S2	2.1
LM96DM_S1921S	2.1
LM96DM_S1924S	2.1

— Economic injury threshold

Publication number	Publication date	Application number	Application date
AP200804416 A0	20080430	AP20080004416	20060915
AP201306736 A0	20130228	AP20130006736	20060915
AR055169 AA	20070808	AR2006P104056	20060915
AT533358 E	20111215	AT20060849359T	20060918
AT548459 E	20120315	AT20060814873T	20060915
AT549409 E	20120315	AT20070700223T	20070112
AU2006292362 AA	20070329	AU20060292362	20060915
AU2006292362 BB	20130214	AU20060292362	20060915
AU2006329563 AA	20070705	AU20060329563	20060918
AU2006329563 BB	20140220	AU20060329563	20060918
AU2006335978 AA	20070726	AU20060335978	20060918
AU2006335978 BB	20140220	AU20060335978	20060918
AU2013202902 AA	20130502	AU20130202902	20130408
AU2013202902 BB	20140918	AU20130202902	20130408
AU2014200378 AA	20140206	AU20140200378	20140122
AU2014200381 AA	20140206	AU20140200381	20140122
AU2014200381 BB	20160811	AU20140200381	20140122
AU2014277737 AA	20150122	AU20140277737	20141217
AU2014277737 BB	20170202	AU20140277737	20141217
AU2014277739 AA	20150122	AU20140277739	20141217
AU2014277739 BB	20170202	AU20140277739	20141217
BRPI0615791 A2	20090616	BR2006PI15791	20060918
BRPI0615792 A2	20090616	BR2006PI15792	20060918
BRPI0616181 A2	20090616	BR2006PI16181	20060915
BRPI0706227 A2	20090225	BR2007PI06227	20070112
BRPI0706266 A2	20090225	BR2007PI06266	20070112
CA2622660 AA	20080314	CA20062622660	20060918
CA2622671 AA	20080314	CA20062622671	20060918
CA2622687 AA	20080313	CA20062622687	20060915
CA2622687 C	20130702	CA20062622687	20060915
CA2627795 AA	20080429	CA20072627795	20070112
CA2633576 AA	20080617	CA20072633576	20070112
CA2812343 A	20070329	CA20062812343	20060915
CL2006002476 A1	20070720	CL20060002476	20060915
CN101310020 A	20081119	CN200680042881	20060915
CN101365795 A	20090211	CN200680042821	20060918
CN101365796 A	20090211	CN200680042927	20060918
CN101370940 A	20090218	CN200780002294	20070112
CN101370941 A	20090218	CN200780002295	20070112
CN101370941 B	20150408	CN200780002295	20070112
CN102409050 A	20120411	CN201110192130	20060915
CN104087577 A	20141008	CN201410305513	20070112
CN104357446 A	20150218	CN201410589369	20060918
CN104357447 A	20150218	CN201410589894	20060918
CR9821 A	20080801	CR20080009821	20080324
DE602006025946 D1	20120126	DE200660025946T	20060918
DE602006028088 D1	20120503	DE200660028088T	20060915
DE602006045679 D1	20150723	DE200660045679T	20060918
DE602006047054 D1	20151203	DE200660047054T	20060918
DE602006047056 D1	20151126	DE200660047056T	20060918
DE602006047930 D1	20160324	DE200660047930T	20060918
DE602006050892 D1	20161222	DE200660050892T	20060915

DE602006050894 D1	20161222	DE200660050894T	20060915
DE602006050895 D1	20161222	DE200660050895T	20060915
DE602006050896 D1	20161222	DE200660050896T	20060915
DE602007021280 D1	20120510	DE200760021280T	20070112
DK2270181 T3	20160111	DK20060186041T	20060918
DK2270182 T3	20160418	DK20060186052T	20060918
ECSPO88291 A	20080428	EC2008SP08291	20080317
EP1924696 A2	20080528	EP20060814873	20060915
EP1924696 B1	20120307	EP20060814873	20060915
EP1929020 A2	20080611	EP20060848767	20060918
EP1934357 A2	20080625	EP20060849359	20060918
EP1934357 B1	20111116	EP20060849359	20060918
EP1971687 A2	20080924	EP20070700222	20070112
EP1971688 A2	20080924	EP20070700223	20070112
EP1971688 B1	20120314	EP20070700223	20070112
EP2269444 A2	20110105	EP20100186054	20060918
EP2269444 A3	20120404	EP20100186054	20060918
EP2270181 A2	20110105	EP20100186041	20060918
EP2270181 A3	20120404	EP20100186041	20060918
EP2270181 B1	20151021	EP20100186041	20060918
EP2270182 A2	20110105	EP20100186052	20060918
EP2270182 A3	20120418	EP20100186052	20060918
EP2270182 B1	20160210	EP20100186052	20060918
EP2275562 A2	20110119	EP20100186026	20060918
EP2275562 A3	20120411	EP20100186026	20060918
EP2275562 B1	20151021	EP20100186026	20060918
EP2275563 A2	20110119	EP20100186034	20060918
EP2275563 A3	20120411	EP20100186034	20060918
EP2281876 A2	20110209	EP20100186047	20060918
EP2281876 A3	20120411	EP20100186047	20060918
EP2281896 A2	20110209	EP20100186018	20060918
EP2281896 A3	20120411	EP20100186018	20060918
EP2295584 A2	20110316	EP20100186023	20060918
EP2295584 A3	20120404	EP20100186023	20060918
EP2295584 B1	20150610	EP20100186023	20060918
EP2330207 A2	20110608	EP20100186030	20060918
EP2330207 A3	20120411	EP20100186030	20060918
EP2347759 A2	20110727	EP20110157036	20070112
EP2347759 A3	20111214	EP20110157036	20070112
EP2348115 A2	20110727	EP20110157023	20070112
EP2348115 A3	20120118	EP20110157023	20070112
EP2374462 A2	20111012	EP20110157045	20070112
EP2374462 A3	20111214	EP20110157045	20070112
EP2377939 A2	20111019	EP20110157007	20070112
EP2377939 A3	20120118	EP20110157007	20070112
EP2426208 A1	20120307	EP20110191399	20060915
EP2426208 B1	20161109	EP20110191399	20060915
EP2431473 A1	20120321	EP20110191393	20060915
EP2431473 B1	20161109	EP20110191393	20060915
EP2439278 A1	20120411	EP20110191400	20060915
EP2439278 B1	20161109	EP20110191400	20060915
EP2439279 A1	20120411	EP20110191405	20060915
EP2439279 B1	20161109	EP20110191405	20060915
ES2545093 T3	20150908	ES20100186023T	20060918
ES2557512 T3	20160126	ES20100186026T	20060918
ES2557513 T3	20160126	ES20100186041T	20060918
ES2568933 T3	20160505	ES20100186052T	20060918
IN01767CN2008 A	20090911	IN2008CN01767	20080408
IN01768CN2008 A	20090911	IN2008CN01768	20080408
IN02565CN2008 A	20090306	IN2008CN02565	20080523
IN02566CN2008 A	20090306	IN2008CN02566	20080523
IN04636CN2015 A	20160701	IN2015CN04636	20150730
IN07700CN2013 A	20160617	IN2013CN07700	20130923
IN07702CN2013 A	20160617	IN2013CN07702	20130923
IN07703CN2013 A	20160617	IN2013CN07703	20130923
IN07704CN2013 A	20160617	IN2013CN07704	20130924
IN07705CN2013 A	20160617	IN2013CN07705	20130924
IN258470 B	20140117	IN2008CN01768	20080408
JP2009508481 T2	20090305	JP20080530663T	20060918
JP2009508482 T2	20090305	JP20080530664T	20060918
JP2009523017 T2	20090618	JP20080549845T	20070112
JP2009523018 T2	20090618	JP20080549846T	20070112
JP2014113156 A2	20140626	JP20140000873	20140107
JP5474355 B2	20140416	JP20080549845T	20070112
JP5474356 B2	20140416	JP20080549846T	20070112
JP5530632 B2	20140625	JP20080530664T	20060918
PT2270181 T	20160126	PT20100186041T	20060918
PT2275562 T	20160126	PT20100186026T	20060918
PT2295584 T	20150922	PT20060186023T	20060918
RU2008114846 A	20091027	RU20080114846	20060915
RU2478710 C2	20130410	RU20080114846	20060915

SG2006002845 A	20060129	SG200600068545	20060914
TH111656 A	20120130	TH20061004511	20060914
TW200804596 A	20080116	TW20060134382	20060915
TWI390037 B	20130321	TW20060134382	20060915
UA98445 C2	20120525	UA20080004898	20060915
US2007124836 AA	20070531	US20060522307	20060915
US2009285784 AA	20091119	US20070087537	20070112
US2009298787 AA	20091203	US20070087536	20070112
US2009300796 AA	20091203	US20060992090	20060918
US2009306189 AA	20091210	US20060992091	20060918
US2012137387 AA	20120531	US20100973783	20101220
US2013058890 AA	20130307	US20120592513	20120823
US2014013471 AA	20140109	US20130855328	20130402
US2014373197 AA	20141218	US20140470868	20140827
US2015065557 AA	20150305	US20140485103	20140912
US2015128303 AA	20150507	US20140324351	20140707
US7943819 BB	20110517	US20060522307	20060915
US8759611 BB	20140624	US20100973783	20101220
US8853489 BB	20141007	US20060992090	20060918
US8906876 BB	20141209	US20120592513	20120823
US8933042 BB	20150113	US20060992091	20060918
US9528123 BB	20161227	US20140470868	20140827
UY29800 A1	20070430	UY20060029800	20060918
WO07035650 A2	20070329	WO2006US36319	20060915
WO07035650 A3	20070621	WO2006US36319	20060915
WO07074405 A2	20070705	WO2006IB04003	20060918
WO07074405 A3	20080417	WO2006IB04003	20060918
WO07080126 A2	20070719	WO2007EP00286	20070112
WO07080126 A3	20080327	WO2007EP00286	20070112
WO07080126 C2	20080814	WO2007EP00286	20070112
WO07080127 A2	20070719	WO2007EP00287	20070112
WO07080127 A3	20080327	WO2007EP00287	20070112
WO07083193 A2	20070726	WO2006IB04008	20060918
WO07083193 A3	20080124	WO2006IB04008	20060918
ZA200803338 A	20090128	ZA20080003338	20080415

Priority:

AU20060292362	20060915	AU20060329563	20060918	AU20130202902	20130408
AU20060335978	20060918	AU20140200378	20140122	AU20140200381	20140122
EP20060447008	20060112	CA20062812343	20060915	CA20062622687	20060915
CA20132622687	20130424	AU20140277737	20141217	AU20140277739	20141217
CN200680042821	20060918	CN200680042927	20060918	EP20070700223	20070112
EP20070700222	20070112	EP20060849359	20060918	EP20060848767	20060918
EP20110157023	20070112	EP20110157036	20070112	EP20110157045	20070112
EP20110157007	20070112	EP20060814873	20060915	EP20100186052	20060918
EP20100186041	20060918	EP20100186026	20060918	EP20100186023	20060918
EP20110191393	20060915	EP20110191399	20060915	EP20110191400	20060915
US20060522307	20060915	US20070087537	20070112	US20060992091	20060918
US20060992090	20060918	US20070087536	20070112	WO2006IB04008	20060918
WO2006IB03446	20060915	WO2006US36319	20060915	US20050718034P	20050916
WO2006IB03351	20060915	WO2006IB04003	20060918	US20060875356P	20061218
US20100973783	20101220	US20120592513	20120823	US20080087537	20080709
US20060758191P	20060112	US20060771160P	20060207	US20060837910P	20060816
US20060875362P	20061218	US20130855328	20130402	JP20080530664	20060918
US20140470868	20140827	US20090087536	20090113	US20140485103	20140912
US20080992091	20080508	US20140324351	20140707	US20080992090	20080508
IN2008CN01768	20080408	IN2008CN01768	20080408	JP20080530664T	20060918
IN2008CN01767	20080408	EP20110191405	20060915	WO2007EP00286	20070112
WO2007EP00287	20070112				

Probable Assignee: DEVGEN NV

Assignee(s): (std): BAUM JAMES A ; BLEU ELS VAN ; BOGAERT THIERRY ; BOGAERT THIERRY ANDRE OLIVIER EDDY ; BUAM JAMES A ; CAJACOB CLAIRE A ; MONSANTO TECHNOLOGY LLC ; FELDMANN PASCALE ; HECK GREGORY R ; MADDELEIN WENDY ; DEVGEN NV ; DEGRAVE LIES ; KUBLER LAURENT ; DAMME NICOLE ; PLAETINCK GEERT ; VAUGHN TY T ; NOOREN IRENE ; RAEMAEEKERS ROMAAN ; VAN BLEU ELS ; PECQUEUR FREDERIC ; VANBLEU ELS ; REMORY ISABEL ; PLAETINCK GEERT KAREL MARIA ; MONSANTO TEKNOLODZHI LLS

Assignee(s): MONSANTO TECHNOLOGY LLC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE ; MONSANTO TECHNOLOGY LLC ST LOUIS ; DEVGEN N V ; DEVGEN NU

Inventor(s): (std): BOGAERT THIERRY ; CAJACOB CLAIRE A ; ELS VAN BLEU ; ELS VANBLEU ; FELDMANN PASCALE ; BAUM JAMES A ; GEERT PLAETINCK ; IRENE NOOREN ; ISABEL REMORY ; LAURENT KUBLER ; LIES DEGRAVE ; MADDELEIN WENDY ; MADDELEIN WENDY ET AL ; NICOLE DAMME ; NOOREN IRENE ; HECK GREGORY R ; PASCALE FELDMANN ; PLAETINCK GEERT ; VAN BLEU ELS ; RAEMAEEKERS ROMAAN ; PLATINK GERT ; PECUQUEUR FREDERIC ; PECQUEUR FREDERIC ; NOOREN IRENE MARIA ANTONIA ; NOOREN IRENA ; MADDELEN VENDI ; ROMAAN RAEMAEEKERS ; VANBLEU ELS ; VAUGHN TY T ; WENDY MADDELEIN ; GOVAERT THIERRY ; ELS BLEU VAN ; FREDERIC PECQUEUR ; VON TAY T ; VON TAJ T ; VAN BLUE ELS ; TOM BOGAERT ; THIERRY BOGAERT ; PLAETINCK GEERT KAREL MARIA ; KHEK GREGORI R ; KEJDZHEJKOB KLEHR A ; FEL DMANN PASKAL ; BUAM JAMES A ; BOQAERT THIERRY ; BOGAERT THIERRY ANDRE OLIVIER EDDY ; BLEU ELS ; BAUM DZHEJMS A ; VAUGHN TY ; HECK GREGORY ; CAJACOB CLAIRE ; BAUM JAMES ; REMORY ISABEL ; KUBLER LAURENT ; DEGRAVE LIES ; DAMME NICOLE ; BLEU ELS VAN

Inventor(s): VAUGHN TY T ST LOUIS ; FEL'DMANN PASKAL' ; CLAIRE ACAJACOB ; BOGAERT A THIERRY ; FREDERIC PECUQUEUR ; VAUGHN TY T IMP ; TY T VAUGHN ; TY T VAUGHN ; PLATINCK GEERT ; HECK GREGORY R CRYSTAL LAKE PARK ; NOOREN IRENE AND ; JAMES A BAUM ; JAMES ABAUM ; GREGORY R HECK ; GREGORY RHECK ; BAUM JAMES A WEBSTER GROVES ; FELDMANN PASCALE ST LOUIS ; CAJACOB CLAIRE A CHESTERFIELD ; CLAIRE A CAJACOB

Agent(s): PIZZEYS ; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD ; KNIGHTSBRIDGE PATENT ATTORNEYS ; DAVIES COLLISON CAVE ; DAVIES COLLISON CAVE PTY LTD ; GOUDREAU GAGE DUBUC ; GOWLING LAFLEUR HENDERSON LLP ; MCFADDEN FINCHAM ; MCFADDEN FINCHAM INC ; OSLER HOSKIN AND HARCOURT LLP ; SMART AND BIGGAR ; ALESSANDRI ; BUNGARTZ CHRISTOPHERSEN

PARTNERSCHAFT MBB PATENTANWAELE; DOMPATENT VON KREISLER SELTING WERNER
 PARTNERSCHAFT VON PATENTANWAELE U RECHTSANWAELE MBB; HELBING JOERG; VON
 KREISLER SELTING WERNER; DE CLERCQ ANN G Y ET AL; DE CLERCQ ANN G Y; SYNGENTA INT AG;
 DOMPATENT VON KREISLER SELTING WERNER PARTNERSCHAFT VON PATENT U RECHTSANWAELE
 MBB; LEHMANN MARIA ISABEL; SHOJI TAKASHI; FULBRIGHT AND JAWORSKI LLP; WOLF GREENFIELD
 AND SACKS PC; FOLEY AND LARDNER LLP, SUITE 500; SNR DENTON US LLP; TIMOTHY K; CARINE M;
 DENTONS US LLP; T K; FOLEY AND LARDNER LLP; YOSHIMI D

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 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 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

3) Family number: 44922616 (CO6140010A)

© PatBase

Title: METODO PARA PROCESAR EL FRUTO DE LA PALMA DE ACEITE Y PRODUCTO OBTENIDO METHOD FOR PROCESSING THE FRUIT OF **PALM** OIL AND PRODUCT OBTAINED (Machine translation)

Abstract: Source: CO6140010A Esta invencion se refiere a una nueva planta para el procesamiento del fruto de la palma de aceite con una reducida emision de gases de invernadero, la cual permite simultaneamente la total utilizacion del fruto de la palma para producir anexamente aceite crudo de palma (16), aceite de la almendra (32) y torta de la almendra de palma (33), un alimento bajo en aceite (17) para consumo humano o animal. El alimento bajo en aceite (17) es procesado mediante secado por aspersión (18) en forma de polvo o pasteurizado (19) y enlatado (20). El alimento procesado es empacado para su comercialización y contiene macro y micro nutrientes que incluyen carbohidrato, proteína, vitaminas, minerales, sazonzantes y acidos organicos de cadena corta e igualmente es una fuente proveedora de energía. La planta nueva para procesamiento del fruto de la palma de aceite utiliza igualmente un condensado (4) esterilizador a manera de sustrato para microbios y producción de celulas simples de proteína (5). 1.- Una nueva planta para el procesamiento del fruto de la palma de aceite caracterizada por la utilización total del fruto de la palma para producir y empacar un alimento bajo en aceite (17) adicional a un aceite crudo de palma (16), aceite de almendra de palma (32) y torta de almendra de palma (33). 2.- Una nueva planta tal como se define en la reivindicación 1, caracterizada porque el alimento bajo en aceite (17) ya empacado comprende macro y micro nutrientes que incluyen carbohidratos, proteínas, vitaminas, minerales, sazonzantes, y acidos organicos de cadena corta y como fuente proveedora de energía. 3.- Una nueva planta tal como se define en las reivindicaciones 1 y 2 caracterizado porque el alimento empacado bajo en aceite (17) es adecuado para el consumo humano y de animales incluso para especies acuaticas. This invention relates to a new plant for processing of **palm** fruit oil with reduced emission of greenhouse gases, which simultaneously allows full utilization of **palm** fruit to anexamente produce crude **palm** oil (16) refers, almond oil (32) cake and **palm** kernel (33), a **food** low in oil (17) for human and animal consumption. The low oil **food** (17) is processed by spray drying (18) in powder form or pasteurized (19) and canned (20). The processed **food** is packed for marketing and contains macro and micro nutrients including carbohydrate, protein, vitamins, minerals, flavors and short-chain organic acids and also is a source of energy supplier. The new plant for processing of **palm** fruit oil also uses a condensate (4) sterilizer way of substrate for microbes and production of single cell protein (5). 1. A new plant for processing the fruit of the oil **palm** characterized by full utilization of **palm** fruit to produce and pack a **food** low in oil (17) additional crude **palm** oil (16), oil **palm** kernel (32) and **palm** kernel cake (33). 2. A new plant as defined in claim 1 wherein the low oil feed (17) comprising packing and macro and micro nutrients including carbohydrate, protein, vitamins, minerals, flavors, and short chain organic acids and as a source for energy. 3. A new plant as defined in claims 1 and 2 wherein the low oil **food** packaging (17) is suitable for human and animal consumption including for aquatic species.

Classifications:

International (IPC 8-9): A01N1/00 (Advanced/Invention);
 A01N1/00 (Core/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO6140010 A1	20100319	CO20090102483	20090921
TH152254 A	20160519	TH20081005188	20081010

Priority:

MY20080003758 20080924

Probable Assignee: MALAYSIAN PALM OIL BOARD
Assignee(s): (std): MALAYSIAN PALM OIL BOARD
Inventor(s): (std): CHIEW WEI PUAH
Inventor(s): PUAH CHIEW WEI
Agent(s): CAROLINA VERA MATIZ

4) Family number: 53523310 (US2014054816A)

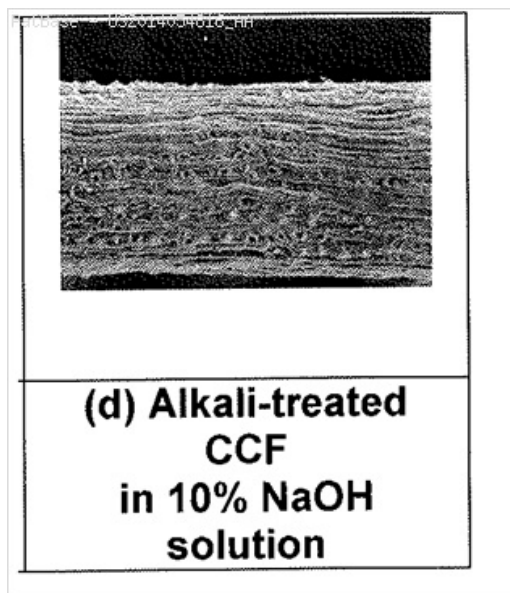
© PatBase

Title: PROCESS FOR PARTICLEBOARD MANUFACTURE

Abstract: Source: US2014054816A Improved particleboard and methods for fabricating improved particleboard (e.g., natural fiber/material-based particleboard) are disclosed. More particularly, the present disclosure provides systems/methods for fabricating particleboard (e.g., formaldehyde-free particleboard) utilizing natural fibers/materials (e.g., lignocellulosic materials), wherein the particleboard has improved performance characteristics and/or mechanical properties. Methods for fabricating fiber-reinforced biocomposites (e.g., natural fiber-reinforced wheat gluten biocomposites) are disclosed. For example, systems/methods for fabricating particleboard from lignocellulosic materials (e.g., coconut materials), along with a binder material (e.g., wheat gluten), are provided. In general, the fiber or lignocellulosic material is treated with sodium hydroxide and/or a silane coupling agent as an adhesion promoter to enhance interfacial adhesion between the fiber and the binder. For example, (3-triethoxysilylpropyl)-t-butylcarbamate (MISO) (a masked isocyanate functional silane) was utilized to improve interfacial adhesion between the binder and the natural fibers.

Classifications:

International (IPC 8-9): B05D3/00 B05D3/10 B05D5/00 B27N1/00
 B27N3/00 B29B13/06 B29D7/01 C08L97/02 (Advanced/Invention);
 B29K1/00 B29K103/00 (Advanced/Non-invention)
CPC: B29B13/06 B29D7/01 B27N1/00 B05D3/104 B05D3/007
 B05D5/00 C08L97/02 B29K2001/00 B29K2103/00
US: 1/1 106/164.3 264/109 264/123 427/207.1



Family:

Publication number	Publication date	Application number	Application date
CO6960533 A2	20140530	CO20140099140	20140508
EP2766156 A1	20140820	EP20120840535	20121012
EP2766156 A4	20151111	EP20120840535	20121012
IN03058CN2014 A	20150703	IN2014CN03058	20140423
US2014054816 AA	20140227	US20120651017	20121012
US2015217483 AA	20150806	US20150617092	20150209
US8951452 BB	20150210	US20120651017	20121012
US9381677 BB	20160705	US20150617092	20150209
WO13056120 A1	20130418	WO2012US60060	20121012

Priority:

US20110546615P 20111013 US20120651017 20121012 WO2012US60060 20121012
US20150617092 20150209

Probable Assignee: UNIV CONNECTICUT

Assignee(s): (std): UNIV CONNECTICUT ; UNIV CONNETICUT

Assignee(s): UNIVERSITY OF CONNECTICUT ; CONNECTICUT UNIV ; OF CONNECTICUT UNIV ; OF CONNETICUT UNIV

Inventor(s): (std): ASANDEI ALEXANDRU ; DOWDING TIMOTHY ; HEMSRI SUDSIRI ; PARNAS RICHARD

Inventor(s): RICHARD PARNAS ; SUDSIRI HEMSRI ; TIMOTHY DOWDING ; ALEXANDRU ASANDEI

Agent(s): LUZ CLEMENCIA DE PAEZ; FRANZOLIN LUIGI; MCCARTER AND ENGLISH LLP; MCCARTER AND ENGLISH ESQ; BUMGARNER AARON P 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