

1) Family number: 42179014 (WO08113778A1)

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Title: SINTERED, SOLID PIECE, WATER SOLUBLE OR DISPERSIBLE BEVERAGE COMPOSITION AND METHOD FOR ITS PREPARATION

Abstract: Sintered beverage compositions in solid piece-form which disperse and dissolve rapidly upon contact with water. Method for producing solid piece, water soluble or water dispersible beverage compositions. Said composition comprise dry particulates bound by a finely dispersed glassy phase, which comprises 10-40 wt percent of the composition.

Classifications:

International (IPC 8-9): A23F3/32 A23F5/38 A23L1/40 A23L2/395 A23P1/02 A23P1/10 (Advanced/Invention);

A23F3/00 A23F5/24 A23L1/39 A23L2/385 A23P1/02 A23P1/10 (Core/Invention)

CPC: A23L2/395 A23F3/32 A23F5/385 A23L23/10 A23V2002/00

European: A23F3/32 A23F5/38B A23L1/40 A23L2/395 K23V2/00

Family:

Publication number	Publication date	Application number	Application date
WO08113778 A1	20080925	WO2008EP53146	20080317

Priority:

EP20070104580 20070321

Probable Assignee: NESTEC SA

Assignee(s): (std): NESTEC SA ; WHITEHOUSE ANDREW STEVEN

Assignee(s): NESTEC S A

Inventor(s): (std): WHITEHOUSE ANDREW STEVEN

Agent(s): DIXON SARAH

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 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 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

2) Family number: 41632081 (US2008075810A)

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Title: FLAVOR APPLICATION ON EDIBLE SUBSTRATES

Abstract: Packages that contain at least two edible substrates, and at least one substrate has a flavor deposited on it and there is at least one other substrate in the package that has a different flavor deposited on it or that has no flavoring deposited on it. The package may contain at least two substrates in each package that have distinct flavors deposited on them, and the distinct flavors can be coordinated such that when they are eaten together they produce a different, coordinated flavor. The coordinated flavor can be, for example, hamburger, cheese burger, sour cream and onion, pizza, pepperoni pizza, and the like.

Classifications:

International (IPC 8-9): A23G3/34 A23L1/00 A23L1/025 A23L1/035 A23L1/217 A23L1/22 B65D65/46

B65D85/60 (Advanced/Invention);

A23L1/217 (Advanced/Non-invention);

A23L1/00 A23L1/025 A23L1/03 A23L1/22 B65D65/46 (Core/Invention);

A23L1/214 (Core/Non-invention)

CPC: A23L27/70 A23L5/32 A23L29/10 A23P20/18 A23V2002/00 A23V2300/48

European: A23L1/00P8B14 A23L1/025B A23L1/035 A23L1/22B K23V2/00 K23V300/48

US: 426/650 426/650S 426/87 426/87P

JP F-Term: 3E035 3E035/AA04 3E035/AA16 3E035/AA20 3E035/AB07 3E035/BA10 3E086 3E086/AB01 3E086/AB02 3E086/AD01 3E086/AD02 3E086/AD04 3E086/AD05 3E086/AD06 3E086/AD13 3E086/BA24 3E086/BA29 3E086/BB15 3E086/BB49 3E086/BB62 3E086/BB63 3E086/CA01 4B014 4B014/GB11 4B014/GE10 4B014/GG05 4B014/GK05 4B014/GP16 4B014/GQ03 4B016 4B016/LC02 4B016/LE01 4B016/LK20 4B016/LP13 4B035 4B035/LC01 4B035/LE06 4B035/LE17 4B035/LK02

JP F-Index: A23G3/00/108 A23G3/34/108 A23G3/48 A23G3/50 A23L1/00/B A23L1/00/H A23L1/217 A23L19/18 A23L5/00/B A23L5/00/H B65D65/46 B65D85/60

Family:

Publication number	Publication date	Application number	Application date
EP2120598 A2	20091125	EP20070826501	20070921
JP2010512143 T2	20100422	JP20090527958T	20070921
JP4709314 B2	20110622	JP20090527958T	20070921
US2008075810 AA	20080327	US20070903634	20070924
WO08035314 A2	20080327	WO2007IB53849	20070921
WO08035314 A3	20100708	WO2007IB53849	20070921

Priority:

US20060846443P 20060922

WO2007IB53849 20070921

US20070903634 20070924

Probable Assignee: KELLOGG NORTH AMERICA CO

Assignee(s): (std): HENRY WILLIAM J JR ; HENRY WILLIAM JOHN JR ; PROCTER AND GAMBLE ; WEN LUFANG ; SWAINE ROBERT LESLIE ; WEN LU F ; SWAINE ROBERT L

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; KELLOGG NORTH AMERICA CO

Inventor(s): (std): HENRY WILLIAM J JR ; HENRY WILLIAM JOHN JR ; SWAINE ROBERT L ; SWAINE ROBERT LESLIE ; WEN LU F ; WEN LUFANG ; WEN LU FANG

Inventor(s): WEN LU ; SWAINE ROBERT ; HENRY WILLIAM JJR ; HENRY WILLIAM JOHN ; HENRY WILLIAM

Agent(s): GOODIER CLAIRE LOUISE; TANI YOSHIKAZU; ABE KAZUO; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION WEST BLDG; THE PROCTER AND GAMBLE COMPANY

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

3) Family number: 41632083 (US2008075830A)

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Title: FLAVOR APPLICATION ON EDIBLE SUBSTRATES

Abstract: Edible substrates printed with flavors, aroma, seasonings, and images. The edible substrates can be printed with two or more distinct flavors and in different colors so that they are visible to the consumer. Preferably each distinct flavor has a different color, and even more preferably the distinct flavors having different colors are deposited in a pattern. Moreover, the distinct flavors can be deposited in a pattern that corresponds to areas on the tongue where different taste buds are located. And the two or more distinct flavors can be deposited by different deposition apparatuses or by different nozzles within the same deposition apparatus.

Classifications:

International (IPC 8-9): A21D13/00 A23L1/00 A23L1/164 A23L1/217 A23L1/22 (Advanced/Invention); A21D13/00 A23L1/00 A23L1/164 A23L1/214 A23L1/22 (Core/Invention)

CPC: A23L19/18 A23L27/00 A23P20/18 A23G3/50 A23G4/20 A21D13/47 A23L5/42

European: A21D13/00H12 A23G3/50 A23G4/20 A23L1/00P8B14 A23L1/217 A23L1/22 A23L1/275

US: 426/650

Family:

Publication number	Publication date	Application number	Application date
EP2066184 A2	20090610	EP20070826500	20070921
US2008075830 AA	20080327	US20070903633	20070924
WO08035313 A2	20080327	WO2007IB53848	20070921
WO08035313 A3	20090205	WO2007IB53848	20070921

Priority:

US20060846575P 20060922 WO2007IB53848 20070921 US20070903633 20070924

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): HENRY WILLIAM J JR ; HENRY WILLIAM JOHN JR ; PROCTER AND GAMBLE ; SWAINE ROBERT L ; SWAINE ROBERT LESLIE ; WEN LUFANG ; WEN LU FANG

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s): (std): HENRY WILLIAM J JR ; HENRY WILLIAM JOHN JR ; WEN LUFANG ; SWAINE ROBERT LESLIE ; SWAINE ROBERT L ; WEN LU FANG

Inventor(s): SWAINE ROBERT ; HENRY WILLIAM JJR ; HENRY WILLIAM JOHN ; HENRY WILLIAM

Agent(s): PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION WEST BLDG; THE PROCTER AND GAMBLE COMPANY

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

4) Family number: 35072089 (US2004086626A)

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Title: HIGHLY REFINED FIBER MASS, PROCESS OF THEIR MANUFACTURE AND PRODUCTS CONTAINING THE FIBERS

Abstract: The present invention comprises an improved method for refining cellulose that produces a highly refined cellulosic material. The method comprises soaking raw material from primarily parenchymal cell wall structures in an aqueous solution which need not contain an agent to modify the fiber (e.g., a mild alkalinizing or alkaline agent and/or solution) using reduced temperatures and pressures, and refining the material with a plate refiner so that a waste water stream is reduced in volume. The mass is dried to produce the HRC fiber. The HRC fiber displays a water retention capacity of about 25 to at least about 56 g H2O/g dry HRC and retains moisture under conditions that are ordinarily used to remove moisture from materials. The highly refined fiber product can also provide excellent thickening properties and can be used in a wide variety of materials, including edible materials.

Classifications:

International (IPC 8-9): A21D A21D10/00 A21D13/00 A21D13/06 A21D2/00 A21D2/18 A21D2/26 A21D2/34 A21D2/36 A21D8/00 A23C19/00 A23C19/068 A23C19/072 A23C19/076 A23C19/08 A23C9/00 A23C9/123 A23C9/154 A23D7/00 A23D7/005 A23G9/00 A23G9/42 A23J1/00 A23K3/02 A23L1/0534 A23L1/10 A23L1/2165 A23L1/29 A23L1/308 A23L1/314 A23L19/15 A23L29/20 A23L29/262 A23L33/00 A23L7/10 A23P20/10 A61K8/02 A61K8/30 A61K8/73 A61Q1/02 A61Q1/06 A61Q17/04 A61Q19/00 C08L1/02 D21B1/16 D21C3/02 D21C9/18 (Advanced/Invention); A23L1/05 A23L29/20 A61Q15/00 A61Q5/12 A61Q9/02 (Advanced/Non-

invention);
A21D10/00 A21D13/00 A21D2/00 A21D8/00 A23D7/00 A23D7/005
A23G9/00 A23J1/00 A23K3/00 A23L1/10 A23L1/29 A23L1/308 A61K8/02
A61K8/30 A61Q1/02 A61Q17/04 D21B1/00 D21C3/00 (Core/Invention)
International (IPC 1-7): A21D10/00 A23D7/00 A23G3/00 D01F2/00
D21C3/02 D21C9/00 D21F11/00
CPC: A24D3/10 A23D7/015 A23L29/262 A23L33/24 A23L7/109 A23L7/13
A23L13/426 A23L13/72 A23L33/22 A23G9/34 A23G9/42 A21D2/188
A21D13/068 A23D7/0053 A23D7/0056 A23L19/09 A23L33/11
A23V2002/00 D21C9/18 D21C3/02 A21D2/261 A21D2/264 A21D2/36
A23P20/105 A23D7/005 A61K8/731 A61Q5/12 A61Q9/02 A61Q15/00
A61Q19/00
European: A21D13/06F A21D2/18F A21D2/26B A21D2/26D A21D2/36
A23D7/005N A23D7/005S A23D7/015 A23G9/34 A23G9/42 A23L1/0534
A23L1/16 A23L1/164E A23L1/212E A23L1/308A A23L1/308B A23L1/30B2
A23L1/314B4 A23L1/318B A24D3/10 A61K8/73C A61Q19/00 D21C3/02
D21C9/18 K23V2/00 K61Q15/00 K61Q5/12 K61Q9/02
US: 162/176 162/90 162/99 424/401 424/401P 424/59 424/59S 424/63
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426/573 426/578 426/580 426/580S 426/582 426/582P 426/583
426/583S 426/601 426/601P 426/615 426/616 426/618 426/618S
426/623 426/623S 426/640 426/657 426/657S 426/658 426/661

PatBase - US2004086626_AA

Patent Application: Publication May 6, 2004 Sheet 1 of 2 US 2004/086626 A1

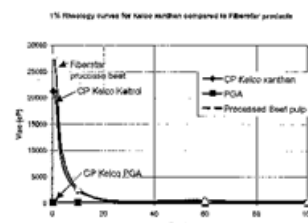


Figure 1

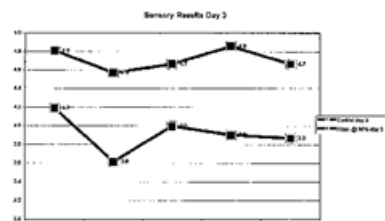


Figure 2

Family:

Publication number	Publication date	Application number	Application date
BRPI0315921 A	20050913	BR2003PI15921	20031106
BRPI0315921 B1	20160419	BR2003PI15921	20031106
BRPI0621399 A2	20111206	BR2006PI21399	20061218
CN101500425 A	20090805	CN200680055395	20060802
DE60348058 D1	20151029	DE20036048058	20031106
DE60349264 D1	20160929	DE20036049264	20031106
EP1560975 A2	20050810	EP20030783169	20031106
EP1560975 B1	20150916	EP20030783169	20031106
EP1986507 A2	20081105	EP20060847803	20061218
EP1986507 A4	20101124	EP20060847803	20061218
EP2377992 A1	20111019	EP20100075701	20031106
EP2377992 B1	20160810	EP20100075701	20031106
ES2554918 T3	20151228	ES20030783169T	20031106
ES2601677 T3	20170215	ES20100075701T	20031106
HK1137624 A1	20100806	HK20100101304	20100205
IN02460MN2008 A	20090515	IN2008MN02460	20081117
US2004086626 AA	20040506	US20020288793	20021106
US2005074542 AA	20050407	US20040969805	20041020
US2005271790 AA	20051208	US20050165430	20050623
US2005274469 AA	20051215	US20050204895	20050816
US2006210687 AA	20060921	US20060440603	20060525
US2006251789 AA	20061109	US20060484263	20060711
US2008166464 AA	20080710	US20070001402	20071211
US2008193590 AA	20080814	US20080148381	20080418
US2009269376 AA	20091029	US20090459452	20090630
US2011268860 AA	20111103	US20110151923	20110602
US2017127716 AA	20170511	US20170411974	20170121
US7094317 BB	20060822	US20020288793	20021106
US8399040 BB	20130319	US20110151923	20110602
US8591982 BB	20131126	US20050204895	20050816
US9629790 BB	20170425	US20090459452	20090630
WO04044285 A2	20040527	WO2003US35310	20031106
WO04044285 A3	20040805	WO2003US35310	20031106
WO07092087 A2	20070816	WO2006US48543	20061218
WO07092087 A3	20071213	WO2006US48543	20061218
WO07092087 B1	20080131	WO2006US48543	20061218
WO07092448 A2	20070816	WO2007US03157	20070205
WO07092448 A3	20080228	WO2007US03157	20070205
WO07092448 B1	20080424	WO2007US03157	20070205
WO07139563 A2	20071206	WO2006US30249	20060802
WO07139563 A3	20081106	WO2006US30249	20060802
WO07139563 B1	20081218	WO2006US30249	20060802

Priority:

US20020288793 20021106 EP20030783169 20031106 EP20100075701 20031106
WO2003US35310 20031106 US20040969805 20041020 US20050165430 20050623
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US20070001402 20071211 US20080148381 20080418 US20090459452 20090630
US20110151923 20110602 US20170411974 20170121

Probable Assignee: FIBERSTAR INC

Assignee(s): (std): FIBERSTAR BIO INGREDIENT TECH INC ; FIBERSTAR BIO INGREDIENT TECHNOLOGIES INC ; FIBERSTAR INC ; LINDQUIST DALE C ; LUNDBERG BROCK ; LINDQUIST DALE ; HUPPERT AMANDA ; HANSEN KRISTI ; FIBERSTAR INC INC ; ARONSON GREG ; VALVERDE LAURA ; RICHARDSON OLIVIA

Assignee(s): FAULKS DON ; JANDO INC

Inventor(s): (std): BROCK LUNDBERG ; KRISTI HANSEN ; GREG ARONSON ; RICHARDSON OLIVIA ; VALVERDE LAURA ; JOHNSON HUB ; HANSEN KRISTI ; HUPPERT AMANDA ; ARONSON GREG ; LINDQUIST DALE ; LUNDBERG BROCK ; LUNDBERG BROCK M ; SCHEFFLER DUSTIN ; LINDQUIST DALE C

Inventor(s): LINDQUIST DALE C WILLMAN ; LINDQUIST DALE C WILLMAR ; LUNDBERG BROCK OSSEO ; AMANDA HUPPERT ; DALE LINDQUIST ; THE DESIGNATION OF THE INVENTOR HAS NOT YET... ; DALE C LINDQUIST

Agent(s): PRINZ AND PARTNER MBB PATENTANWALTE RECHTSANWALTE; BOTTERO CLAUDIO; PEEL JAMES PETER; WALDREN ROBIN MICHAEL; VALLEJO JUAN PEDRO; CLT PATENT AND TRADEMARK HK LTD; MARK A LITMAN AND ASSOCIATES PA; MARK A LITMAN AND ASSOCIATES PA YORK BUSINESS CENTER; MARK A LITMAN YORK BUSINESS CENTER; MARK A LITMAN AND ASSOCIATES P A

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 HW 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 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

5) Family number: 28265140 (US2002012710A)

PatBase

Title: POMEGRANATE PRODUCTS USEFUL IN IMPROVING HEALTH AND METHODS OF USE THEREOF

Abstract: A mixture of a pomegranate seed oil product and a pomegranate juice product and a pharmaceutical composition containing same. The mixture, which is a cancer chemopreventive, includes a pomegranate seed oil product and pomegranate juice product. The pharmaceutical composition includes physiologically active amounts of pomegranate seed oil product, a pomegranate juice product and a pharmaceutically acceptable carrier. According to some disclosed embodiments, a pomegranate peel product is further included. Further disclosed is a selective estrogen receptor modulator and other biologically active compounds derived from pomegranates as well as methods of use thereof.

Classifications:

International (IPC 8-9): A23L1/212 A23L1/30 A23L2/02 A61K36/00 A61K36/18 A61K36/185 A61K39/385 A61K9/02 A61K9/06 A61K9/08 A61K9/14 A61K9/20 A61K9/48 A61P13/08 A61P15/12 A61P25/28 A61P35/00 A61P43/00 A61P5/32 C07J1/00 C12C1/00 (Advanced/Invention); A23L1/212 A23L1/30 A23L2/02 A61K36/18 A61K36/185 A61K39/385 A61K9/02 A61K9/06 A61K9/08 A61K9/14 A61K9/20 A61K9/48 A61P13/00 A61P15/00 A61P25/00 A61P35/00 A61P43/00 A61P5/00 (Core/Invention); A61K (Subclass/Invention)

International (IPC 1-7): A23L1/30 A61K A61K35/78 A61K39/385 A61K9/02 A61K9/06 A61K9/08 A61K9/14 A61K9/20 A61K9/48 A61P13/08 A61P15/12 A61P25/28 A61P35/00 A61P43/00 A61P5/32 C07J1/00 C12C1/00

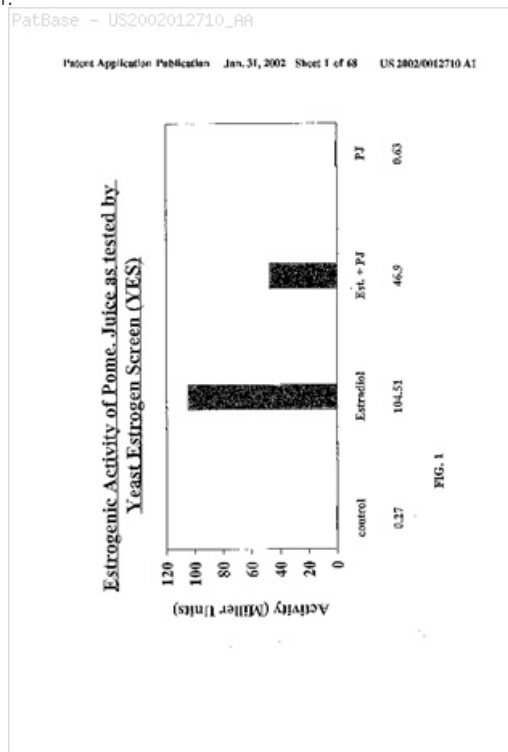
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European: A23L1/212 A23L1/30B A23L1/30C A23L1/36 A23L1/36B2 A23L2/02 A61K35/78 A61K36/185 K23V2/00

US: 424/725 424/725P 424/769 424/769P 424/776 424/776S 424/777 424/777S 426/330.3 426/330.300P 549/408 549/408S 552/625 552/625S 552/653 552/653S

JP F-Term: 4B018 4B018/MD52 4B018/ME08 4B018/MF01 4B018/MF06 4C076 4C076/AA01 4C076/AA06 4C076/AA09 4C076/AA12 4C076/AA29 4C076/AA31 4C076/AA36 4C076/AA53 4C076/AA69 4C076/BB01 4C076/BB29 4C076/BB31 4C076/CC01 4C076/CC17 4C076/CC27 4C076/CC29 4C076/CC30 4C088 4C088/AB12 4C088/AC04 4C088/BA08 4C088/CA03 4C088/MA17 4C088/MA23 4C088/MA28 4C088/MA31 4C088/MA35 4C088/MA37 4C088/MA41 4C088/MA43 4C088/MA47 4C088/MA52 4C088/MA60 4C088/MA63 4C088/NA14 4C088/ZA15 4C088/ZA16 4C088/ZA81 4C088/ZB26 4C088/ZC11 4C088/ZC20 4C201 4C206

JP F-Index: A23L1/30/B A23L33/105 A61K131/00 A61K35/78/C A61K36/185 A61K9/02 A61K9/06 A61K9/08 A61K9/14 A61K9/20 A61K9/48 A61P13/08 A61P15/12 A61P25/28 A61P35/00 A61P43/00/111 A61P5/32



Family:

Publication number	Publication date	Application number	Application date
AU200117282 A1	20010604	AU20010017282	20001129
AU200117282 A5	20010604	AU20010017282	20001129
AU2002303720 AA	20021203	AU20020303720	20020513
AU774619 B2	20040701	AU20010017282	20001129
CA2389537 AA	20020521	CA20002389537	20001129
EP1233773 A1	20020828	EP20000979906	20001129
EP1233773 A4	20041006	EP20000979906	20001129

IL149521 A0	20021110	IL20000149521	20001129
JP2003514865 T2	20030422	JP20010539462T	20001129
US2002012710 AA	20020131	US20010859431	20010518
US2002197341 AA	20021226	US20020217430	20020814
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WO0137848 A1	20010531	WO20001L00800	20001129
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WO06072955 A2	20060713	WO20061L00025	20060105
WO06072955 A3	20061228	WO20061L00025	20060105
ZA200203898 A	20030610	ZA20020003898	20020516

Priority:

US19990167694P 19991129 WO2000IL00800 20001129 US20010859431 20010518
WO2002US15028 20020513 US20020217430 20020814 US20050028656 20050105

Probable Assignee: RIMONEST LTD

Assignee(s): (std): LANSKY EPHRAIM ; LANSKY EPHRAIM P ; LANSKY EPHRAIM PHILIP ; RIMONEST LTD

Assignee(s): LAUSKY EPHRAIM PHILIP

Inventor(s): (std): LANSKY EPHRAIM PHILIP ; LANSKY EPHRAIM P ; PHILIP LANSKY EPHRAIM ; LANSKY EPHRAIM ; EPHRAIM PHILIP LANSKY

Inventor(s): LAUSKY EPHRAIM PHILIP

Agent(s): PHILLIPS ORMONDE FITZPATRICK; MARKS AND CLERK; DR MARK FRIEDMAN LTD C O BILL POLKINGHORN

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 KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

6) Family number: 32754145 (US2009311398A)

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Title: ISOLATED POLYPEPTIDES AND POLYNUCLEOTIDES ENCODING SAME FOR GENERATING PLANTS WITH INCREASED CUTICULAR WATER PERMEABILITY

Abstract: An isolated polynucleotide is provided. The isolated polynucleotides comprising a nucleic acid sequence encoding a polypeptide having an amino acid sequence at least 88 percent homologous to SEQ ID NO: 22, the polypeptide being capable of increasing a cuticular water permeability of a plant expressing same. Also provided are methods of generating plants expressing such polypeptides which can be used for producing dehydrated plants or cuticular covered portions thereof.

Classifications:

International (IPC 8-9): A01H1/00 A01H5/00 A01H5/08 A01H5/10 A23B4/03 A23L1/06 A23L19/00 A23L21/10 A23L27/60 C07H21/04 C07K C07K14/41 C07K14/415 C07K16/00 C07K16/16 C12N1/15 C12N1/19 C12N1/21 C12N15/00 C12N15/09 C12N15/63 C12N15/82 C12N5/10 (Advanced/Invention); C07H21/04 C07K14/415 (Advanced/Non-invention); A01H1/00 A01H5/00 A23B4/03 C07H21/00 C07K14/41 C07K14/415 C07K16/00 C07K16/16 C12N1/15 C12N1/19 C12N1/21 C12N15/09 C12N15/63 C12N15/82 C12N5/10 (Core/Invention); A01H C07K (Subclass/Invention)

International (IPC 1-7): A01H

CPC: C12N15/8273 A23L27/63 A23L19/09 A23V2002/00 C07K14/415 A01H5/08

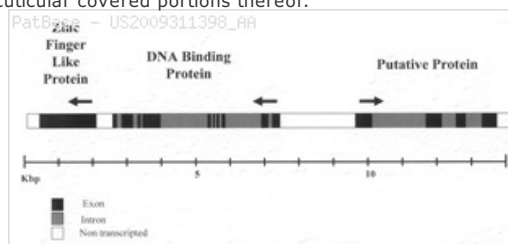
European: C07K14/415 C12N15/82C8B2

US: 426/465 435/320.1 435/419 435/468 435/6.1 435/69.1 530/370 530/387.9 536/23.6 800/260 800/278 800/295 800/298 800/317.4

JP F-Term: 2B030 2B030/AA02 2B030/AB03 2B030/AD20 2B030/CA17 2B030/CB02 4B024 4B024/AA08 4B024/BA79 4B024/CA01 4B024/DA01 4B024/DA02 4B024/DA05 4B024/DA11 4B024/EA04 4B024/EA10 4B024/GA11 4B024/HA08 4B065 4B065/AA01 4B065/AA57 4B065/AA87 4B065/AA89 4B065/AB01 4B065/AC20 4B065/BA02 4B065/CA53 4H045 4H045/AA10 4H045/AA30 4H045/BA09 4H045/CA30 4H045/EA05 4H045/FA74

JP F-Index: A01H5/00/A A01H5/08 A01H5/10 A01H6/82 C07K14/415 C07K16/16 C12N1/15 C12N1/19 C12N1/21 C12N15/00/A C12N15/00/ZNA/A C12N15/82/152/P C12N15/82/152/Z C12N5/00/A C12N5/00/101 C12N5/00/103 C12N5/10

JP Facet: ZNA



Family:

Publication number	Publication date	Application number	Application date
BRPI0515680 A	20080729	BR2005PI15680	20050919
CA2580713 AA	20070319	CA20052580713	20050919
CA2580713 C	20140422	CA20052580713	20050919
CN101123870 A	20080213	CN200580039342	20050919
IL164125 A0	20051218	IL20040164125	20040919
IL164125 A1	20140630	IL20040164125	20040919
JP2008513004 T2	20080501	JP20070531955T	20050919
JP4808718 B2	20111102	JP20070531955T	20050919
US2009311398 AA	20091217	US20050663151	20050919
US2013316057 AA	20131128	US20130902885	20130527
US2017066803 AA	20170309	US20160356597	20161120
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WO06030445 A3	20070111	WO20051L01000	20050919

Priority:

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US20080663151 20081229 US20130902885 20130527 US20160356597 20161120
US20180966100 20180430

Probable Assignee: STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZATION ARO VOLCANI CENTER

Assignee(s): (std): HOVAV RAN ; ISRAEL STATE ; N STATE OF ISRAEL MINISTRY ; N THE STATE OF ISRAEL MINISTRY ; STATE OF ISRAEL AGRICULTURAL R ; SCHAFFER ARTHUR A ; STATE OF ISRAEL MINI OF AGRICULTURE AND RURAL DEV AGRICULTURAL RES ORGANIZAT ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRICULTURAL RES ORGANIZAT ; SCHAFFER ARTHUR ; STATE OF ISRAEL MINI OF AGRICULTURE AND RURAL DEV AGRICULTURAL RES ORGANIZATION ; STATE OF ISRAEL MINI OF AGRICULTURE AND RURAL DEV AGRICULTURAL RES ORGANIZATION ARO VOLCANI CEN

Assignee(s): STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZAT ; N STATE OF ISRAEL MINISTRY OF AGRICULTURE AMP AMP ; ARTHUR SCHAFFER ; THE STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RU ; THE STATE OF ISRAEL AGRICULTURAL RESEARCH ORGANIZA ; THE STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZATION ; THE STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRIC ; THE STATE OF ISRAEL AGRICULTURAL RESEARCH ORGANIZATION THE VOLCANI CENTER ; THE STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT ARGICULTURAL RESEARCH ORGANIZ ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT ARGICULTURAL RESEARCH ORGANIZ ; THE STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT ARGICULTURAL RESEARCH ORGANIZATION ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEV AGRICULTURAL RESEARCH ORGANIZATION ARO VOLCANI CENTER ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZATION (ARO) VOLCANI CENTER ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZATION ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEV AGRICULTURAL RESEARCH ORGANIZATION ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEV AGRICULTURAL RESEARCH ORGANIZATION ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEV ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZATION ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRIC ; STATE OF ISRAEL AGRICULTURAL RESEARCH ORGANIZATION VOLCANI CENTER ; RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZATI ; N THE STATE OF ISRAEL MINISTRY OF AGRICULTURE and RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZATIO ; N STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT AGRICULTURAL RESEARCH ORGANIZATIO ; RAN HOVAV ; STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURAL ; N STATE OF ISRAEL MINISTRY OF AGRICULTURE AND RURA

Inventor(s): (std): ARTHUR SCHAFFER ; RAN HOVAV ; SCHAFFER ARTHUR A ; HOVAV RAN ; SCHAFFER ARTHUR

Agent(s): OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; GE EHRlich 1995 LTD; MARTIN D MOYNIHAN D B A PRtSI INC

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 KM KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

7) Family number: 7066155 (GB9106017A) © PatBase

Title: PROCESSED CURCULIGO LATIFOLIA FRUITS AND PROCESSING METHOD

Abstract: Processed Curculigo latifolia fruits having a high taste-modification activity and not suffering from any browning which are obtained by drying Curculigo latifolia fruits, grinding them and then removing the seeds from the ground fruit.

Classifications:

International (IPC 8-9): A23B7/02 A23B7/024 A23L1/212 A23L1/30 A23L19/00 (Advanced/Invention);

A23B7/02 A23L1/212 A23L1/30 (Core/Invention)

International (IPC 1-7): A23L1/00 A23L1/212 A23L1/30

CPC: A23L19/01 A23B7/024 A23B7/02

European: A23B7/02 A23B7/024 A23L1/212B

JP F-Term: 4B016 4B016/LC02 4B016/LC03 4B016/LG01 4B016/LP01 4B016/LP02 4B016/LP08 4B016/LP11 4B016/LP13 4B018

4B018/LB03 4B018/LE03 4B018/MD52 4B018/ME14 4B018/MF05 4B018/MF06 4B018/MF07 4B018/MF10 4B018/MS11

JP F-Index: A23L1/212/A A23L1/30/B A23L19/00/A A23L33/10

Family:

Publication number	Publication date	Application number	Application date
GB2243067 A1	19911023	GB19910006017	19910321
GB2243067 B2	19941116	GB19910006017	19910321
GB9106017 A0	19910508	GB19910006017	19910321
JP4211340 A2	19920803	JP19910065429	19910306

Priority:

JP19900072999 19900322 JP19910065429 19910306

Probable Assignee: ASAHI DENKA KOGYO KK

Assignee(s): (std): ASAHI DENKI KOGYO KABUSHIKI KA ; ASAHI DENKA KOGYO KK ; KURIHARA YOSHIE ; ADEKA CORP

Assignee(s): ASAHI DENKA CO LTD ; YOSHIE KURIHARA ; ASAHI DENKI KOGYO KK ; N A ; ASAHI DENKA KOGYO KABUSHIKI KAISHA ; ASAHI DENKI KOGYO KABUSHIKI KAISHA

Inventor(s): (std): KOHNO HIROSHIGE ; KONO HIROSHIGE ; KURIHARA YOSHIE ; SAITO MASAKO ; SHIMADA SADASUKE ; SHIMADA TEIYU ; SUGIYAMA HIROMU ; SUGIYAMA HIROSHI ; IKEDA KENJI

Inventor(s): KENJI IKEDA ; TEIYU SHIMADA ; YOSHIE KURIHARA ; MASAKO SAITO ; HIROMU SUGIYAMA ; HIROSHIGE KOHNO

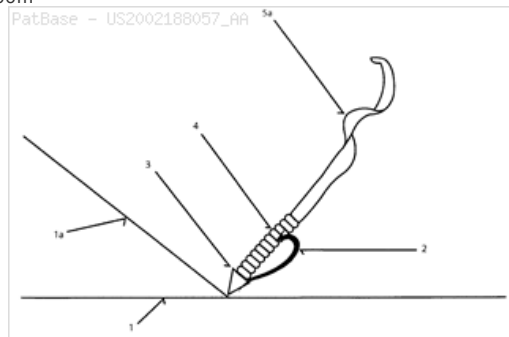
Agent(s): HATORI OSAMU

Title: GELATINOUS ELASTOMER COMPOSITIONS AND ARTICLES FOR USE AS FISHING BAIT**Abstract:** A soft gelatinous elastomer composition and article useful as fishing bait formed from one or a mixture of two or more of a poly(styrene-ethylene-butylene-styrene) block copolymer(s) and one or more plasticizers being in sufficient amounts to achieve a gel rigidity of from about 20 gram Bloom to about 800 gram Bloom**Classifications:****International (IPC 8-9):** A01K84/00 A01K85/00 A01K85/01 A01K97/04 A01N15/00 A01N25/00 A23L1/00 A23L1/317 A23L1/325 A23L13/60 A23L17/00 A23L29/20 A46B1/00 A46B9/04 A47C17/00 A47C27/00 A47C7/00 A61B A61B18/20 A61B19/00 A61C15/00 A61C15/04 A61F A61F2/06 A61F2/78 A61F2/80 A61F9/007 A61F9/008 A61K31/70 A61K47/00 A61M5/00 A61M5/158 A63H1/32 A63H27/18 A63H33/18 B01D61/38 B21D26/02 B21D26/055 B21D37/20 B29C67/20 B32B27/00 B32B27/22 B32B27/30 B60K28/00 B60K3/00 B60R21/16 B60R21/26 B60R22/00 B61C15/00 B63B11/04 B63B9/08 B68G11/04 B68G5/00 C08F1/28 C08F175/00 C08F297/04 C08J5/02 C08K3/00 C08K5/01 C08K5/24 C08L1/00 C08L23/16 C08L25/10 C08L51/00 C08L53/00 C08L53/02 C08L53/05 C08L9/00 C09D11/02 C09J153/02 C09J7/02 C10G1/04 C21D8/02 C22C38/42 C22C38/48 C22C38/50 C22C38/54 C22C38/58 G01N33/56 G01N33/57 H02N1/00 H02N2/00 (Advanced/Invention);

A61F2/78 A61M5/31 C08L101/00 (Advanced/Non-invention);

A01K85/00 A01K85/01 A01K97/04 A01N25/00 A23L1/05 A23L1/317 A23L1/325 A47C17/00 A47C27/00 A47C7/00 A61B18/20 A61B19/00 A61C15/00 A61F2/06 A61F2/50 A61F9/007 A61K31/70 A61K47/00 A61M5/00 A61M5/14 A63H1/00 A63H33/00 B01D61/38 B21D26/00 B21D37/20 B29C67/20 B32B27/00 B32B27/22 B32B27/30 B60K28/00 B60K3/00 B60R21/16 B60R21/26 B60R22/00 B63B11/00 B63B9/00 B68G5/00 C08F297/00 C08K3/00 C08K5/00 C08L1/00 C08L23/00 C08L25/00 C08L51/00 C08L53/00 C08L9/00 C09D11/02 C09J153/00 C09J7/02 C10G1/00 C21D8/02 C22C38/42 C22C38/48 C22C38/50 C22C38/54 C22C38/58 G01N33/56 G01N33/57 H02N1/00 H02N2/00 (Core/Invention);

A61F2/50 A61M5/31 C08L101/00 (Core/Non-invention)

International (IPC 1-7): A01K85/00 A01N25/00 A23L1/00 A41D13/00 A42B3/00 A47L13/08 A47L25/00 A47L25/08 A61B18/18 A61B18/20 A61C15/00 A61C15/04 A61F2/00 A61F2/78 A61F2/80 A61F9/007 A61F9/008 A61K47/00 A61K7/00 A62B17/00 A63H1/32 A63H27/00 A63H27/14 A63H27/18 A63H3/00 A63H33/00 A63H33/18 B21D26/02 B21K5/20 B32B27/04 B32B27/08 B32B27/12 B32B27/32 B32B5/02 B32B5/16 B60R21/16 B60R21/28 B61C15/00 B63C9/08 B64G6/00 C07C7/10 C08C53/00 C08J5/02 C08J51/00 C08K3/00 C08K3/20 C08K5/00 C08K5/01 C08K5/24 C08L1/00 C08L23/00 C08L3/00 C08L51/00 C08L53/00 C08L53/02 C08L73/00 C08L75/00 C08L9/00 G02B5/04 G02B6/00 H02N1/00**CPC:** A01K85/00 C08L23/06 C08L23/30 A61F2/7812 A61F2/80 A01K85/01 B60R2021/23504 Y10S297/01 Y10S297/04 A61K8/8117 A61K8/90 A61K2800/87 A61Q11/00 Y10S5/909 A46B9/005 A46B9/065 A46B15/0014 C08L2205/035 A01K97/045 A61K8/042 B01D61/38 C21D8/0226 C22C38/42 C22C38/48 C22C38/50 C22C38/54 C22C38/58 Y10T428/2998 C10G1/04 Y10T428/2938 Y10T428/298 A63H1/32 Y10T428/169 Y10T428/1334 A61M2005/3109 C08L101/005 C08L2205/06 Y10T428/31909 Y10T428/31931 Y10T428/31645 Y10T428/31696 Y10T428/31989 Y10T442/20 Y10T442/2025 Y10T442/2213 A61C15/00 B21D26/055 B32B27/00 C08F297/044 A63H33/185 A61F2/7843 C08F297/02 C08F297/04 C08L23/02 C08L53/005 C08L91/00 C08L51/00 A61C15/041 C08L53/00 C08K5/0016 Y10T428/249991 Y10T428/249992 Y10T428/249993 Y10T428/249952 Y10T428/249952 A46B9/04 A46B9/028 A46B15/0012 B60R21/235 C08K5/01 A46B15/0002 A46B2200/1066 A23L17/70 A23L13/67 A23L29/284 B21D37/20 Y10S72/709 C08K3/013 C08L2666/02 C08L2666/24 C08L2205/03 C08L53/025 C09J153/025 C09J153/02 C08L53/02 A61B18/22 A61B2018/0019 A61F9/008 A61F9/00821 A61F2009/00863 A61B2018/2035**European:** A01K85/00 A01K85/01 A01K97/04B A23L1/0562B A23L1/317D A23L1/325E A46B15/00B A46B15/00B2D A46B9/02E A46B9/04 A61C15/00 A61C15/04B A61F9/008 A61F9/008C A63H1/32 A63H33/18W B01D61/38 B21D26/055 B21D37/20 B32B27/00 B60R21/235 C08F297/02 C08F297/04 C08F297/04K C08K5/00P1 C08K5/01 C08L23/02 C08L51/00 C08L53/00 C08L53/00B C08L53/02 C08L53/02B C08L91/00 C09J153/02 C09J153/02B C10G1/04 C21D8/02D2 C22C38/42 C22C38/48 C22C38/50 C22C38/54 C22C38/58 K46B200/10G K61B18/20J K61F2/78C K61F2/78C4 K61F2/80 K61F9/008L1 K61M5/31A3E2 L60R21/235M M08K3/00P5 M08L101/00B M08L205/03 M08L205/06 M08L23/02 M08L23/06 M08L23/30 M08L91/00**US:** 128/112.1 128/113.1 128/117.1 128/206.12 128/206.21 128/408 128/857 132/308 132/321 132/323 132/329 135/68 135/71 135/72 135/82 15/104.002 15/104.2 15/110 15/167.1 15/207.2 15/210.1 15/214 151/40.02 174/137A 174/137B 180/271 2/2.11 2/2.15 2/2.16 2/2.15 2/215 2/216 2/410 2/411 2/423 2/424 2/428 2/452 2/456 2/457 2/458 2/54 2/69 2/79 204/606 204/607 264/109 264/113 264/122 264/211.13 264/46.4 264/464 264/53 280/728.1 280/728.2 280/740 280/741 280/742 280/742P 297/391 297/392 297/394 297/397 297/411.2 297/423.1 297/DIG.1 297/DIG.4 310/309 310/309P 36/153 36/37 36/43 385/144 424/401 424/401P 424/405 424/405P 424/439 424/439P 424/448 424/84 426/1 426/573 427/162 428/301.4 428/308.4 428/319.3 428/319.7 428/319.9 428/35.2 428/352 428/378 428/401 428/407 428/441 428/462 428/515 428/52 428/521 428/537.1 428/688 43/26.2 43/35 43/42 43/42.24 43/42.26 43/42.32 43/42.33 43/42.34 43/42.5 43/43.33 433/216 44/271 441/102 441/102S 442/59 442/62 442/85 442/85P 446/253 446/254 446/34 446/385 446/46 446/46 446/486 446/490 446/491 446/61 446/62 446/66 5/632 5/636 5/640 5/652 5/653 5/654 5/655.5 5/655.9 5/724 5/909 52/447.4 521/139 521/140 521/148 521/50 521/54 523/105 523/113 523/218 523/218S 524/187 524/226 524/232 524/261 524/270 524/271 524/272 524/274 524/275 524/277 524/284 524/313 524/315 524/366 524/375 524/379 524/394 524/399 524/400 524/450 524/474 524/476 524/481 524/484 524/485 524/486 524/487 524/490 524/491 524/505 524/507 524/508 524/513 524/515 524/543 524/543S 524/549 524/571 524/571S 524/575 524/578 524/81 524/98 525/148 525/240 525/240P 525/241 525/314 525/476 525/490 525/505 525/521 525/58 525/89 525/95 525/959 525/98 525/99 56/52 56/559 565/550 57/24 585/833 601/141 602/1 602/41 602/41P 602/61 602/62 602/63 604/262 604/263 604/408 604/410 604/411 606/16 606/16P 606/2 606/2S 623/1.11 623/1.110S 623/11 623/11.11 623/13.12 623/16.11 623/18 623/20 623/20.14 623/21.11 623/23.4 623/23.41 623/23.58 623/27 623/33 623/36 623/37 623/59 623/61 623/63 623/8 66/171 66/178R 66/184 66/185 66/187 701/45 72/60 72/63 72/709 76/107.1**JP F-Term:** 4C026 4C026/AA02 4C026/AA03 4C026/FF17 4C026/HH02 4C026/HH13 4C026/HH21 4C078**JP F-Index:** A61B17/36/350 A61B18/22 A61F9/00/502 A61F9/00/511 A61F9/008/120/C A61F9/008/120/Z A61F9/008/150**Locarno class:** 24/58**Family:**

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AU199749774 A1	19980424	AU19970049774	19970930
BRP19711582 A	20000118	BR1997P111582	19970930
CA2267441 AA	19990329	CA19972267441	19970930
CN1579352 A	20050216	CN200410070350	20040729
EP1006933 A1	20000614	EP19970912657	19970930
HK1071843 A1	20050805	HK20050104608	20050601
HK1071843 A3	20050805	HK20050104608	20050601
JP2005046247 A2	20050224	JP20030204428	20030731
US2002188057 AA	20021212	US20020199361	20020720
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US2005008669 AA	20050113	US20040912464	20040804
US2005027288 AA	20050203	US20040896047	20040722
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US2007238835 AA	20071011	US20070810584	20070605
US4369284 A	19830118	US19800134977	19800328
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US5324222 A	19940628	US19920876118	19920429
US5334646 A	19940802	US19920957290	19921006
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US5467626 A	19951121	US19930130545	19931001
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Probable Assignee: APPLIED ELASTOMERICS INC

Assignee(s): (std): APPLIED ELASTOMERICS INC ; BOEING CO ; CHEN JOHN Y ; TOPCON CORP

Assignee(s): TOPCON KK ; THE BOEING COMPANY ; TOPCON 75 1 HASUNUMA CHO ITABASHI KU TOKYO KK ; KABUSHIKI KAISHA TOPCON ; PATENT AND LICENSE OFFICE ; ALLIED ELASTOMERICS INC

Inventor(s): (std): WATARU OYAGI ; SAGEHASHI HIDEO ; OYAGI WATARU ; CHEN JOHN YOUNGFU ; NOMURA KAZUHISA ; NEMOTO IORI ; KAZUHISA NOMURA ; IORI MOTOGI ; CHEN JOHN YOUNG FU ; CHEN JOHN Y ; SANDERS DANIEL G

Inventor(s): CHEN JOHN ; MOTOGI IORI ; JOHN Y CHEN ; OYAGI WATARU

Agent(s): GOWLING LAFLEUR HENDERSON LLP; LUNG TIN INT PATENT AND TRADEMARK AGENT LTD ROOM 1512 15 F WEST; APPLIED ELASTOMERICS INC; ARMSTRONG KRATZ QUINTOS HANSON AND BROOKS LLP; JOHN Y CHEN APPLIED ELASTOMERICS INC

Designated states: AT AU BE BR CA CH CN CZ DE DK ES FI FR GB GE GR HU IE IT JP KR LU MC NL NO NZ PL PT RO RU SE US VN

9) Family number: 41819175 (US2009263556A)

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Title: METHOD FOR PRODUCING A SOLUBLE COCOA PRODUCT FROM COCOA POWDER

Abstract: The present invention relates to a method for producing a soluble cocoa product from cocoa powder. The present invention further relates to cocoa products obtained by the present method and uses thereof. The present invention is also directed to a cocoa-derived material comprising a soluble cocoa powder and a cocoa extract, wherein said extract comprises more than 25 wt percent based on the extract of polyphenols. The cocoa-derived material can be a syrup, a ready to use beverage or a powder composition. The invention also relates to uses of this cocoa-derived material for preparing carbonated beverages containing cocoa. The invention further relates to a carbonated beverage comprising said cocoa-derived material and to methods for preparing such cocoa-derived materials and beverages. The invention also provides an ice cream comprising a cocoa powder, and in particular to an ice cream comprising up to 15 wt percent of a soluble cocoa powder, wherein said cocoa powder has a solubility in water of at least 50 percent at a temperature of less than 10 degrees centigrade. The invention further relates to a method for preparing such ice cream and the use thereof in food products.

Classifications:

International (IPC 8-9): A23G A23G1/00 A23G1/02 A23G1/04 A23G1/30 A23G1/32 A23G1/56 A23G9/00 A23G9/32 A23G9/42 A23L A23L2/38 A23L2/385 A23L2/39 (Advanced/Invention);

A23G1/00 A23G1/02 A23G1/04 A23G1/30 A23G9/00 A23G9/32 A23L2/38

A23L2/385 (Core/Invention);

A23G A23L (Subclass/Invention)

CPC: A23L2/38 A23L2/385 A23L2/39 A23G1/0009 A23G1/30 A23L2/40

A23G9/32 A23G9/42 A23G1/423 A23G1/56 A23G9/36 A23V2002/00

A23G1/32 A23G1/02

European: A23G1/00P4K A23G1/02 A23G1/30 A23G1/32 A23G1/42M

A23G1/56 A23G9/32 A23G9/36 A23G9/42 A23L2/38 A23L2/385 A23L2/39

A23L2/40 K23V2/00 K23V250/2132

US: 426/392 426/392S 426/44 426/45 426/45P 426/477 426/477S

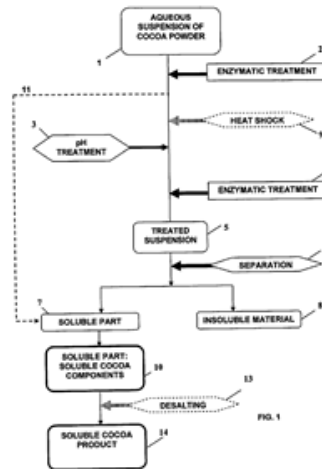
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426/631S 426/72 426/72P

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4B014/GK07 4B014/GL03 4B014/GP01

JP F-Index: A23G1/00 A23G1/48 A23G1/56

**Family:**

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EP2094100 B1	20130102	EP20070847202	20071119
EP2268153 A1	20110105	EP20090723938	20090327
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HK1152844 B	20120824	HK20110106925	20110705
HR20120369 T1	20120531	HR20120000369	20120502
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MY159607 A	20170113	MY20100004480	20090327
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US2012003355 AA	20120105	US20070447420	20071119
US2014199463 AA	20140717	US20140070200	20140407
US8372456 BB	20130212	US20070447420	20071119
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WO09118418 A1	20091001	WO2009EP53689	20090327
WO09133067 A1	20091105	WO2009EP55060	20090427

Priority:

WO2006EP11050 20061117	WO2007EP56258 20070622	EP20070847202 20071119
WO2007EP62486 20071119	WO2008EP53740 20080318	WO2008EP53740 20080328
WO2008EP55269 20080429	WO2006EP11050 20081119	EP20090723938 20090327
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WO2009EP55060 20090427	US20100892297 20100928	US20140070200 20140407

Probable Assignee: BARRY CALLEBAUT AG**Assignee(s):** (std): BARRY CALLEBAUT AG ; BERNAERT HERWIG ; BLONDEEL IEME ; DE CLERCQ DIRK ; LECLERC CHRISTOPHE**Inventor(s):** (std): DE CLERCQ DIRK ; BERNAERT HERWIG ; BLONDEEL IEME ; LECLERC CHRISTOPHE ; HERWIG BERNAERT ; IEME BLONDEEL ; DIRK DE CLERCQ**Inventor(s):** BLONDEEL LEME**Agent(s):** MEISSNER BOLTE AND PARTNER GBR; BRANTS JOHAN P E; MICHALIK ANDREJ; ARIAS JUAN; WILLIAMS

Designated states: DAVIS HILL AND CO; HOXIE AND ASSOCIATES LLC; BRANTS JOHAN PHILIPPE EMILE ET AL; BRANTS JOHAN PHILIPPE EMILE
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

10) Family number: 28774206 (US3535126A)

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Title: METHOD OF INCREASING THE PERMEABILITY OF CELLULAR MATERIALS

Abstract: ABSTRACT OF THE DISCLOSURE A method of rendering a cellular food-stuff more permeable so that fluid materials, i.e. gases and liquids, will pass through the cellular foodstuff with greater facility by subjecting the cellular foodstuff to a pressure greater than about 50 p.s.i.g. and, while still under pressure, freezing. This treatment renders the foodstuff more permeable, resulting in a product that will cook faster, can be dehydrated and rehydrated more quickly and is more re- sponsive to infusion or extraction processes. B

Classifications:

International (ipc 8-9): A23B7/04 A23L1/00 A23L3/36 A23L3/44 A23P1/14 (Advanced/Invention);
A23B7/04 A23L1/00 A23L3/36 A23L3/40 A23P1/14 (Core/Invention)

International (ipc 1-7): A23B1/06 A23B3/06 A23B4/06 A23B5/04 A23B7/04 A23C3/00 A23L1/212 A23L1/31 A23L3/00 A23L3/36
F25D3/10 F26B5/06

CPC: A23P30/32 A23B7/04 A23L3/44 A23L3/36

European: A23B7/04 A23L1/00P14B A23L3/36 A23L3/44 A23P1/14B

US: 426/281 426/312 426/318 426/385 426/425 426/442 426/444 426/456 426/465 426/524 426/615 426/640 72/332 72/402
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Publication number	Publication date	Application number	Application date
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Priority:

US19660565370 19660715 US19700048560 19700622

Probable Assignee: GEN FOODS CORP

Assignee(s): (std): GEN FOODS CORP ; GENERAL FOODS CORP WHITE PLAINS N Y V ST A

Assignee(s): GENERAL FOODS CORP

Inventor(s): (std): GERHARD JULIUS HAAS ; HAAS GERHARD JULIUS WOODCLIFF LAKE NJ ; JULIUS HAAS GERHARD ; HAAS GERHARD JULIUS ; HAAS GERHARD J

11) Family number: 34089215 (US2007010783A)

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Title: ELECTRODIALYZED COMPOSITIONS AND METHOD OF TREATING AQUEOUS SOLUTIONS USING ELECTRODIALYSIS

Abstract: An electrodialysis system is used to produce electrodialyzed compositions with altered pH but without objectionable odor and taste. An aqueous solution is contacted with a membrane electrodialysis system and an electrical potential is applied in an amount effective for changing the pH of the aqueous solution by at least about 2.0 and for providing an electrodialyzed composition having a total cation or anion concentration of about 1.0N or less, and individual cation or anion concentration of about 0.6N or less, and a free chlorine content of about 2 ppm or less.

Classifications:

International (ipc 8-9): A23B4/02 A23B4/12 A23B4/20 A23B4/24
A23C11/10 A23C19/05 A23C19/076 A23C19/09 A23C19/10 A23C21/10
A23C3/02 A23C3/08 A23C9/144 A23C9/154 A23D7/005 A23D9/00
A23G3/36 A23J3/16 A23L1/03 A23L1/064 A23L1/211 A23L1/221
A23L1/24 A23L1/314 A23L1/32 A23L11/00 A23L11/30 A23L13/40
A23L15/00 A23L2/44 A23L2/68 A23L2/74 A23L21/12 A23L27/10
A23L27/60 A23L3/34 A23L3/3508 A23L3/358 A61N1/30 B01D59/42
B01D61/42 B01D61/44 C02F1/469 C02F1/66
C12G3/02 (Advanced/Invention);
C02F1/461 (Advanced/Non-invention);
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A23L2/42 A23L2/52 A23L2/70 A23L3/34 A23L3/3454 A23L3/3463
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C02F1/461 (Core/Non-invention)

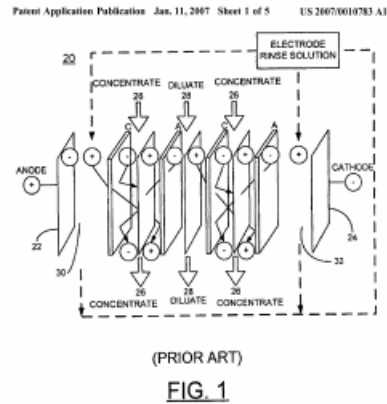
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A23C11/103 A23J3/16 B01D61/025 B01D61/145 B01D61/147
B01D61/243 B01D61/422 C12G3/02 A23L3/3508 A23B7/10 A23L3/3571

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European: A23B7/10 A23C11/10B A23J3/16 A23L1/015E2 A23L1/015E4
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A23L3/3571 B01D61/44B B01D61/58 C02F1/469D C02F1/66 C12G3/02
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JP F-Term: 4B001 4B001/BC08 4B001/BC99 4B001/CC01 4B001/EC99
4B021 4B021/LA42 4B021/LP01 4B021/LW05
JP F-Index: A23C19/076 A23C3/02 A23L3/358

PatBase - US2007010783_AA



Family:

Publication number	Publication date	Application number	Application date
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EP1932435 A3	20100901	EP20070115772	20070905
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US2007181428 AA	20070809	US20070735160	20070413

Priority:

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WO2005US34942	20050929	US20060523253	20060919	US20060609632	20061212
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Probable Assignee: KRAFT FOODS GLOBAL BRANDS LLC

Assignee(s): (std): HONG YEONG CHING A ; KELLY HARRIS SANDRA E ; LAPP BARBARA ; HESTEKIN JAMIE A ; KRAFT FOODS HOLDINGS INC ; KRAFT FOODS GLOBAL BRANDS LLC ; CROWLEY COLIN P ; LOH JIMBAY P ; SUBRAMANIAN KRISHNAN ; ZHENG ZUOXING ; STUBBS TIM ; LINCOURT RICHARD H ; WHALEN PEDERSEN ERIK K

Assignee(s): HAN XIAO QING ; HANSEN TIM ; HARRISON VERONICA M ; HONG YEONG CHING ALBERT ; KANG IKSOON ; HILL LAURA G ; HIRSCHHEY JOHN A ; BROWN PETER H ; CHA ALICE S

Inventor(s): (std): BROWN PETER H ; HAN XIAO QING ; HONG YEONG CHING A ; SUBRAMANIAN KRISHNAN ; ZHENG ZUOXING ; KELLY HARRIS SANDRA E ; STUBBS TIM ; LAPP BARBARA ; HONG YEONG CHING ALBERT ; LOH JIMBAY P ; CROWLEY COLIN P ; HESTEKIN JAMIE A ; WHALEN PEDERSEN ERIK K ; LINCOURT RICHARD H ; KANG IKSOON ; CHA ALICE S ; HANSEN TIM ; HARRISON VERONICA M ; HIRSCHHEY JOHN A ; HILL LAURA G

Inventor(s): IKSOON KANG ; ALICE S CHA ; ERIK K WHALEN PEDERSEN ; TIM HANSEN ; JIMBAY P LOH ; VERONICA M HARRISON ; JOHN A HIRSCHHEY ; YEONG CHING A HONG ; LAURA G HILL ; SANDRA E KELLY HARRIS ; KRISHNAN SUBRAMANIAN ; TIM STUBBS ; ZUOXING ZHENG ; YEONG CHING ALBERT HONG ; BARBARA LAPP ; LINCOURT RICHARD ; HESTEKIN JAMIE ; WHALEN PEDERSEN ERIK ; HONG YEONG CHING ; KELLY HARRIS SANDRA ; CROWLEY COLIN ; LOH JIMBAY ; PETER H BROWN ; XIAO QING HAN ; COLIN P CROWLEY

Agent(s): GRIFFITH HACK ; MCFADDEN FINCHAM ; OSLER HOSKIN AND HARCOURT LLP ; SMAGGASGALE GILLIAN HELEN ; KRAFT FOODS INC DEBBIE K WRIGHT ; FITCH EVEN TABIN AND FLANNERY

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 MK MT NL PL PT RO RS SE SI SK TR

12) Family number: 51083216 (US2012114798A)

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Title: AERATED FOOD PRODUCTS AND METHODS OF MAKING SAME

Abstract: A method of producing a aerated food product which may be frozen, freeze dried, or dried. The method includes providing a raw ingredient composition having a desired first viscosity, aerating the composition to a desired second viscosity with a desired amount of aeration, shaping the aerated composition, and depending on the food product, freezing the shaped aerated composition, freeze-drying the shaped aerated composition or drying the shaped aerated composition.

Classifications:**International (IPC 8-9):** A23L1/30 A23L3/36 A23L3/40 A23L3/44 A23P1/10 A23P1/12 A23P1/16 (Advanced/Invention)**CPC:** A23G9/36 A23G9/42 A23L3/44 A23C9/123 A23C2210/30 A23C2260/152 A23G9/40 A23G9/46 A23L3/36 A23L19/01 A23L19/09 A23P30/40**European:** A23C9/123 A23L1/00P16 A23L1/212B A23L1/212E A23L3/36 A23L3/44 K23C210/30 K23C260/152**US:** 426/384 426/384S 426/442 426/442S 426/444 426/444S 426/474 426/474S 426/61 426/61P**Family:**

Publication number	Publication date	Application number	Application date
US2012114798 AA	20120510	US20110290892	20111107

Priority:

US20100410836P 20101105 US20110290892 20111107

Probable Assignee: ZOBRIST JEREMY**Assignee(s):** (std): ZOBRIST JEREMY**Inventor(s):** (std): ZOBRIST JEREMY**13) Family number: 25681218** (US3490355A)

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Title: PROCESS FOR THE PREPARATION OF ULTRINSTANTLY SOLUBLE DRY PRODUCTS**Abstract:** ABSTRACT OF THE DISCLOSURE

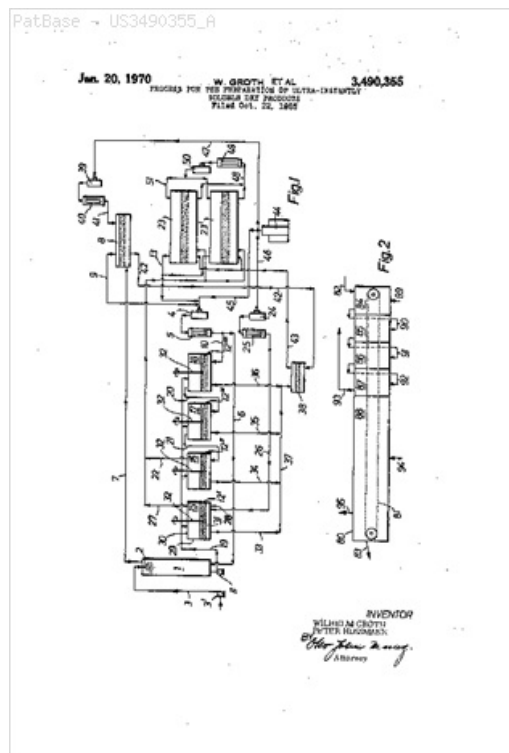
A process for the production from a parent fluid material including dissolved solids an instantaneously soluble dried substance retaining the desirable properties of said parent material, comprising the steps of: providing a stratum of said parent material within a confined space; providing a substratum of cushion-support; providing a stream of dried uniform gas particles through said sub- stratum toward the bottom of said stratum, said gas particles selected of a size in a range between 1 and 200 millimicrons; under a pressure permitting suspension of said fluid material and penetration of said gas particles therethrough uniformly dispersed; said gas being selected from gases non-reactive with said parent material; said stream being maintained for a period required to dehydrate said parent material to a viscosity sufficiently high to retain the wake of the stream of said gas particles uniformly dispersed therein suspended within the dried resulting solid whereby said material is reduced to a dehydrated micro-porous dry and fast soluble substance. B

Classifications:**International (IPC 8-9):** A23C1/01 A23F3/22 A23F5/28 A23F5/50

A23L2/10 A23L3/40 F26B3/00 (Advanced/Invention);

A23C1/00 A23F3/00 A23F5/24 A23F5/46 A23L2/02 A23L3/40

F26B3/00 (Core/Invention)

International (IPC 1-7): A23B7/02 A23C1/00 A23C1/01 A23C9/16 A23F1/00 A23F3/22 A23F5/28 A23L1/00 A23L1/212 A23L3/00 A23P1/00 B01D B01J19/00 B01J8/20 F26B3/06 F26B3/08**CPC:** Y10S159/03 A23L3/40 A23C1/01 A23F3/225 A23F5/28 A23F5/285 A23F5/505 A23L2/102 F26B3/00**European:** A23C1/01 A23F3/22D A23F5/28 A23F5/28D A23F5/50H A23L2/10B A23L3/40 F26B3/00**US:** 159/16.1 159/47.1 159/48.1 159/DIG.3 34/443 426/473**Family:**

Publication number	Publication date	Application number	Application date
BE686560 A	19670307		19660907
BR6682804 A0	19731226	BR19660182804	19660913

CH457283 A	19680531	CH19650013046	19650913
CH464666 A	19681031	CH19660001700	19660207
ES330993 A1	19680316	ES19660330993	19660908
ES345086 A1	19690201	ES19670345086	19670915
FR1500998 A	19671110	FR19660075761	19660908
GB1162101 A	19690820	GB19660025602	19660913
LU51922 A	19670309		19660909
NL6612890 A	19670314	NL19660012890	19660913
OA2135 A	19700505	OA19660052589	19660909
US3490355 A	19700120	US19650501342	19651022

Priority:

CH19650013046 19650913 CH19660001700 19660207 CH19660005062 19660405

Probable Assignee: PROGRESS F VERFAHRENSTECHNIK AG

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Assignee(s): PROGRESS FUR VERFAHRENSTECHNIK AG ; PROGRESS A G FUR VERFAHRENSTECHNIK ; PROGRESS AKTIENGESSELLSCHAFT FUER VERFAHRENSTECHNIK ; PROGRESS AKTIENGESSELLSCHAFT FUR VERFAHRENSTECHNIK ; PROGRESS F VERFAHRENSTECHNIK AG ; PROGRESS FU AG

Inventor(s): (std): GROTH WILHELM ; HUSSMANN PETER

Inventor(s): PETER HUSSMANN ; PROGRESS AG ; HUSSMANN PETER DR ; WILHELM GROTH ; DR GROTH WILHELM PROF

14) Family number: 53732243 (US2013122146A)

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Title: PROCESS FOR SPRAY DRYING BOTANICAL FOOD

Abstract: In some embodiments, the invention provides processes for making a spray-dried whole botanical food powder from a whole botanical food. The processes comprise combining components of a whole botanical food to create a whole botanical food slurry, the components comprising 0-80 percent whole botanical food, 0-75 percent skin, 20-80 percent pomace, and 0-75 percent seed fiber; adding water to the whole botanical food slurry to produce a mixture with a solids content of about 1-20 percent; heating the mixture to a temperature between approximately 80 and 200 degrees Fahrenheit; shearing the mixture with a high shear mixer for 10 to 90 minutes to create a uniform slurry; pumping the uniform slurry through a high intensity shear pump to achieve a uniform particle slurry; atomizing the uniform particle slurry; and spray drying the uniform particle slurry to form a spray-dried whole botanical food product. Also provided are compositions made using the disclosed processes.

Classifications:

International (IPC 8-9): A23L1/20 A23L1/212 A23L1/28 A23L1/36 A23P1/06 (Advanced/Invention)

CPC: A23B7/026 A23L19/01 A23L19/07 A23L19/105 A23L33/105 A23L33/135

US: 426/464 426/61 426/629 426/634 426/640 426/71 426/93 426/96



Family:

Publication number	Publication date	Application number	Application date
US2013122146 AA	20130516	US20110299945	20111118
US2013122151 AA	20130516	US20120483799	20120530

Priority:

US20110560467P 20111116 US20110299945 20111118 US20120483799 20120530

Probable Assignee: DECAS BOTANICAL SYNERGIES INC

Assignee(s): (std): DECAS BOTAN SYNERGIES LLC ; GHAEDIAN REZA ; SHINDE RAHUL M ; KARAVA NILESH

Assignee(s): DECAS BOTANICAL SYNERGIES INC ; DECAS BOTANICAL SYNERGIES LLC

Inventor(s): (std): SHINDE RAHUL M ; GHAEDIAN REZA ; KARAVA NILESH

Title: EMULSIONS AND MICROCAPSULES WITH SUBSTANCES HAVING LOW INTERFACIAL TENSION, METHODS OF MAKING AND USING THEREOF

Abstract: Disclosed are emulsions and microcapsules that comprise one or more substances with a low interfacial tension. Methods of making the emulsions and microcapsules as well as methods of using them are also disclosed.

Classifications:

International (IPC 8-9): A23D A23D7/00 A23D9/02 A23J3/00 A23L A23L1/00 A23L1/03 A23L1/035 A23L1/052 A23L1/054 A23L1/29 A23L1/30 A23L1/304 A23L1/305 A23L2/38 A23L29/10 A23L29/269 A23L33/10 A23L33/105 A23L33/115 A23L33/12 A23L33/16 A23L33/175 A23L33/19 A23P1/00 A23P1/04 A23P1/08 A23P10/28 A23P10/30 A23P10/35 A23P10/47 A61J1/00 A61J3/07 A61K A61K31/202 A61K31/22 A61K31/232 A61K31/56 A61K31/575 A61K31/6615 A61K31/715 A61K35/12 A61K35/60 A61K35/66 A61K35/74 A61K36/00 A61K36/02 A61K36/06 A61K38/17 A61K47/04 A61K47/08 A61K47/10 A61K47/12 A61K47/14 A61K47/18 A61K47/20 A61K47/22 A61K47/26 A61K47/30 A61K47/32 A61K47/34 A61K47/36 A61K47/38 A61K47/40 A61K47/42 A61K47/44 A61K47/46 A61K8/00 A61K8/11 A61K8/64 A61K8/65 A61K8/73 A61K9/10 A61K9/107 A61K9/127 A61K9/16 A61K9/50 A61K9/52 A61K9/54 A61K9/66 A61L9/16 A61P1/00 A61P19/02 A61P3/02 A61P3/06 A61P35/00 A61P37/08 A61P7/02 A61P9/00 A61P9/02 A61P9/06 A61P9/10 A61P9/12 A61Q A61Q19/00 B01J B01J13/00 B01J13/02 B01J13/04 B01J13/06 B01J13/10 B01J13/20 C08J3/03 C08K3/22 C08K3/30 C08K3/32 C08K5/13 C08K5/1535 C08K5/36 C08L1/00 C08L101/00 C08L5/00 C08L89/00 C08L91/00 C11B5/00 (Advanced/Invention);

A23D7/00 A23D9/00 A23L1/035 A23P1/04 A61K9/107 (Advanced/Non-invention);

A23D7/00 A23J3/00 A23L1/00 A23L1/03 A23L1/05 A23L1/29 A23L1/30 A23P1/04 A23P1/08 A61J3/07 A61K31/185 A61K31/21 A61K31/575 A61K47/02 A61K47/10 A61K47/12 A61K47/16 A61K47/20 A61K47/22 A61K47/26 A61K47/30 A61K47/36 A61K47/38 A61K47/40 A61K47/42 A61K47/44 A61K47/46 A61K8/00 A61K9/00 A61K9/10 A61K9/107 A61K9/16 A61K9/50 A61K9/52 A61P19/00 A61P35/00 A61P37/00 A61P9/00 A61Q19/00 B01J13/00 B01J13/02 B01J13/04 B01J13/06 C08J3/02 C08K3/00 C08K5/00 C08L1/00 C08L101/00 C08L5/00 C08L89/00 C08L91/00 C11B5/00 (Core/Invention)

International (IPC 1-7): A23L1/035 A61K9/50 B01J13/02 B01J13/08

CP: A23V2002/00 A61K9/1658 A23V2250/54252 A23V2250/1868

A23V2200/224 A23V2250/187 A23V2250/1642 A23P1/04 A23L1/3051

A23P1/08 A23K20/158 A23D7/0053 B01J13/10 A23L33/10 A23L33/105 A23L33/16 A23L33/19 A23L29/284 A23P10/28 A23L33/175 A23P10/47 A61K9/5015 A61K9/5089 A23L33/115 A23L33/12 A23P10/30 A61K8/11 A61K8/64 A61K8/645 A61K8/65 A61K8/73 A61K8/733 A61K9/5036 A61K9/5052 A61K9/5057 A61K9/5073 A61K2800/412 A61Q19/00 A23J3/00

European: A23D7/005N A23K1/16I A23L1/00P4 A23L1/0562B A23L1/30 A23L1/304 A23L1/305D A23L1/30B A23L1/30C A23L1/30C2 A61K8/11 A61K8/64 A61K8/64C A61K8/65 A61K8/73 A61K8/73H A61K9/50H6F A61K9/50H6H A61K9/50H6H2 A61K9/50K A61K9/50P A61Q19/00 B01J13/10 K23V2/00 K61K800/412

US: 1/1 424/195.15 424/195.150S 424/195.16 424/195.160S 424/195.17 424/195.170S 424/450 424/450P 424/455 424/455S 424/490 424/490S 424/491 424/491S 424/492 424/492P 424/493 424/493S 424/494 424/494S 424/495 424/495S 424/496 424/496S 424/498 424/498S 424/520 424/520S 424/725 424/725S 424/780 424/780S 426/103 426/103S 426/417 426/417S 426/541 426/541S 426/546 426/546P 426/573 426/573S 426/575 426/575S 426/576 426/576S 426/577 426/577S 426/601 426/601S 426/613 426/613S 426/89 426/89S 514/143 514/143S 514/169 514/169S 514/182 514/182S 514/5.5 514/5.500S 514/5.6 514/5.600S 514/54 514/547 514/547S 514/549 514/549S 514/54S 514/560 514/560S

JP F-Term: 4C076 4C076/AA64 4C076/BB01 4C076/DD26 4C076/DD59 4C076/EE42 4C076/FF65 4C076/GG28 4F070 4F070/AA01 4F070/AA02 4F070/AA03 4F070/AA62 4F070/AA63 4F070/AC13 4F070/AC20 4F070/AC35 4F070/AC37 4F070/AC55 4F070/AC72 4F070/AC93 4F070/AE08 4F070/AE24 4F070/AE30 4F070/CA01 4F070/CB01 4F070/CB12 4G005 4G005/AA01 4G005/AB01 4G005/BA07 4G005/BB01 4G005/BB06 4G005/BB13 4G005/BB15 4G005/BB25 4G005/DA04 4G005/DA12 4G005/DB05 4G005/DB06 4G005/DB12 4G005/DB13 4G005/DB16 4G005/DB23 4G005/DB25 4G005/DC12 4G005/DC16 4G005/DC33 4G005/EA02 4G005/EA03 4G005/EA06 4G005/EA07 4G005/EA08 4G005/EA09 4G005/EA10 4G005/EA11 4G005/EA12 4G005/EA13 4G005/EA14 4G005/EA15 4G005/EA16 4G005/EA17 4G005/EA18 4G005/EA19 4G005/EA20 4G005/EA21 4G005/EA22 4G005/EA23 4G005/EA24 4G005/EA25 4G005/EA26 4G005/EA27 4G005/EA28 4G005/EA29 4G005/EA30 4G005/EA31 4G005/EA32 4G005/EA33 4G005/EA34 4G005/EA35 4G005/EA36 4G005/EA37 4G005/EA38 4G005/EA39 4G005/EA40 4G005/EA41 4G005/EA42 4G005/EA43 4G005/EA44 4G005/EA45 4G005/EA46 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WO08085997 A3	20080912	WO2008US00301	20080109

Priority:

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US20060837050P 20060811	US20060811024P 20061105	US20070879636P 20070110
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JP20090523371 20070604	EP20070825594 20070604	US20070308045 20070604
WO2007IB03358 20070604	EP20080713076 20080109	WO2008US00301 20080109
US20080522826 20080109		

Probable Assignee: OCEAN NUTRITION CANADA LTD

Assignee(s): (std): BARROW COLIN JAMES ; CURTIS JONATHAN MICHAEL ; DEMONT LESEK ALEXA ; DIOGBENOU NANCY BEATRICE ; DIOGBENOU NANCY BEATRICE ; JIN YULAI ; OCEAN NUTRITION CANADA LTD ; YAN CUIE ; MOULTON SHAWN ; WEBBER LESEK ALEXA ; OCEAN NUTRITION CANADA LTD CA ; DSM NUTRITIONAL PRODUCTS AG ; DSM NUTRITIONAL PRODUCTS ; ZHANG WEI ; YULAI JIN

Assignee(s): DSM R NNUTRITIONAL PRODUCTS AG ; OCEAN NUTRITION CANADA LIMITED

Inventor(s): (std): BARROW COLIN JAMES ; ZHANG WEI ; JIN YULAI ; YAN CUIE ; CURTIS JONATHAN MICHAEL ; MOULTON SHAWN ; DIOGBENOU NANCY BEATRICE ; YULAI JIN ; WEBBER LESEK ALEXA ; JAMES BARROW COLIN ; WEI ZHANG ; CUIE YAN ; ALEXA WEBBER LESEK ; BARROW COLIN ; WEBBER LESEK ; WEI CHANG ; DEMONT LESEK ALEXA ; MICHAEL CURTIS JONATHAN ; SHAWN MOULTON ; BEATRICE DIOGBENOU NANCY ; BARROW COLIN J ; DIOGBENOU NANCY BEATRICE

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Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; PHILLIPS ORMONDE FITZPATRICK; HERBERT SMITH FREEHILLS; GRIFFITH HACK; GOWLING LAFLEUR HENDERSON LLP; SMART AND BIGGAR; CLARKE; CAMPBELL NEIL BOYD; KURT MANFRED; LEISSLER GERSTL GABRIELE; ZEA BERNABE; LEHMANN MARIA ISABEL; DEACONS; NTD PATENT AND TRADE MARK AGENCY LTD; CHINA PATENT AGENT HK LTD; UGUR GUERSAD YALCINER; TOLGA CAYLAK; BALLARD SPAHR LLP; MEUNIER CARLIN AND CURFMAN LLC; NIXON AND VANDERHYE PC; HUIZENGA DAVID E 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

16) Family number: 32534274 (US2006003053A)

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Title: METHOD FOR EXTRACTING JUICE FROM PLANT MATERIAL CONTAINING TERPENE GLYCOSIDES AND COMPOSITIONS CONTAINING THE SAME

Abstract: Processes for extracting juice from plant material containing terpene glycosides comprising the steps of crushing a plant material comprising terpene glycosides, blanching the crushed plant material in acidified water to obtain a puree, the puree comprising a juice extract and a plant solids residue, separating the juice extract from the plant solids residue, mixing enzymes with the juice extract, and separating the juice extract to obtain a sweet juice.

Classifications:

International (IPC 8-9): A23K1/00 A23L1/236 A23L1/28 A23L2/00 A23L2/02 A23L2/04 (Advanced/Invention);

A23K1/00 A23L1/236 A23L2/00 A23L2/02 (Core/Invention)

International (IPC 1-7): A23L2/00 A61K35/78

CPC: A23L27/36 A21D2/36 A23L2/60

European: A21D2/36 A23L1/236D6 A23L2/60

US: 426/49 426/50 426/51 426/52

JP F-Term: 4B017 4B017/LG01 4B017/LK23 4B017/LP01 4B017/LP13 4B017/LP18 4B117 4B117/LG01 4B117/LK24 4B117/LP01 4B117/LP14 4B117/LP20

JP F-Index: A23L2/04 A23L2/52

Family:

Publication number	Publication date	Application number	Application date
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CA2571291 C	20120501	CA20052571291	20050630
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US8449933 BB	20130528	US20040881341	20040630
WO06005011 A1	20060112	WO2005US23570	20050630

Priority:

US20040881341 20040630	WO2005US23570 20050630
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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): EKANAYAKE ATHULA ; KESTER JEFFREY JOHN ; LI JIANJUN JUSTIN ; PROCTER AND GAMBLE
Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY
Inventor(s): (std): KESTER JEFFREY JOHN ; LI JIANJUN JUSTIN ; LI JIANJUN J ; LI JIANJUN ; KESTER JEFFREY J ; KESTER JEFFREY ; EKANAYAKE ATHULA
Agent(s): DIMOCK STRATTON LLP; WILSON LUE LLP; KELLENBERGER JAKOB; TANI YOSHIKAZU; ABE KAZUO; THE PROCTER AND GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION; KIM WILLIAM; ADAM W
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 KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

17) Family number: 20471292 (US5648564A)

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Title: Process for the formation, isolation and purification of comestible xanthophyll crystals from plants

Abstract: A process for forming, isolating and purifying xanthophyll crystals, preferably lutein from marigold flower petals, zeaxanthin from wolfberries or capsanthin and capsorubin from red pepper, is disclosed. A xanthophyll diester-containing plant extract is saponified in a composition of propylene glycol and aqueous alkali to form xanthophyll crystals. Crystallization is achieved without the use of added organic solvents. The crystals are isolated and purified. The substantially pure xanthophyll crystals so obtained are suitable for human consumption and can be used as a nutritional supplement and as an additive in food.

Classifications:

International (IPC 8-9): A23L1/03 C07C27/02 C07C29/78 C07C35/08 C07C35/21 C07C37/68 C07C403/00 C07C403/24 (Advanced/Invention); C07C27/00 C07C29/00 C07C35/00 C07C37/00 C07C403/00 (Core/Invention)

International (IPC 1-7): A23L1/03 C07C27/02 C07C29/78 C07C35/08 C07C35/21 C07C37/68 C07C403/00 C07C403/24

CPC: C07C403/24 C07C35/21

European: C07C35/21 C07C403/24

US: 568/822 568/825 568/832 568/834 568/913

JP F-Term: 4H006 4H006/AA02 4H006/AD10 4H006/AD15 4H006/AD30 4H006/BB14 4H006/BB31 4H006/BC50 4H006/BC51 4H006/BE10 4H006/BE60 4H006/FC52 4H006/FC78 4H006/FE12

JP F-Index: C07C27/02 C07C29/78 C07C35/21 C07C403/24

Family:

Publication number	Publication date	Application number	Application date
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AU199672434 A1	19970717	AU19960072434	19960924
AU700719 B2	19990114	AU19960072434	19960924
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WO9723436 A1	19970703	WO1996US15242	19960924

Priority:

US19950576778 19951221 WO1996US15242 19960924

Probable Assignee: KEMIN INDUSTREIS INC

Assignee(s): (std): KEMIN FOODS L C ; KEMIN FOODS LC ; KEMIN IND INC

Assignee(s): SANDERS DAVID J ; KEMIN INDUSTREIS INC ; LASALLE BANK NATIONAL ASSOCIATION ; KEMIN INDUSTRIES INC ; AUSICH RODNEY L ; BANK OF AMERICA NA ; BANK OF AMERICA NA COLLATERAL AGENT AS

Inventor(s): (std): AUSICH RODNEY L ; SANDERS DAVID J ; AUSICH L ; SANDERS J ; DAVID J SANDERS ; RODNEY L AUSICH

Agent(s): GRIFFITH HACK; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS; SANFORD TCOLB AND CO

Designated states: AT AU BE CA CH DE DK ES FI FR GB GR IE IL IT JP LI LU MC MX NL NZ PT SE

18) Family number: 51782293 (US2012219624A)

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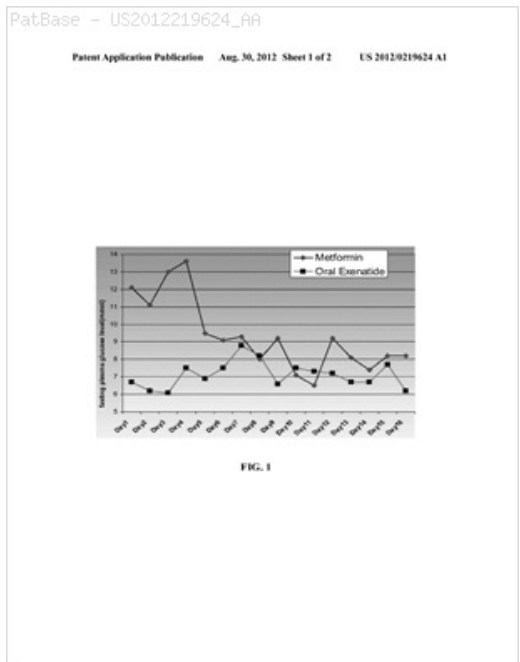
Title: PROCESS FOR PREPARING PRODUCTS COMPRISING STABILISED ACTIVES AND COMPOSITIONS COMPRISING SAME

Abstract: The present invention broadly relates to a process for preparing products comprising active components, and in particular biological materials, wherein the active components are stabilised. The invention further relates to compositions comprising the products, and in particular compositions comprising therapeutic biological materials.

Classifications:

International (IPC 8-9): A23J3/00 A23K1/00 A23K3/00 A23L1/00 A23L3/00 A23P1/04 A23P1/08 A61K35/12 A61K35/74 A61K38/00 A61K38/18 A61K38/19 A61K38/20 A61K38/21 A61K38/22 A61K38/26

A61K38/27 A61K47/10 A61K47/26 A61K47/32 A61K47/36 A61K47/38
A61K47/42 A61K9/00 A61K9/14 A61K9/16 A61K9/20 A61K9/22 A61K9/28
A61K9/48 A61K9/50 A61P29/00 A61P3/00 A61P3/10 A61P31/10
A61P35/00 A61P37/08 A61P7/00 A61P7/02 B01J13/00 B01J13/04
B01J8/24 B05C5/00 B05D1/02 B05D3/00 B05D3/02
C12N1/04 (Advanced/Invention);
A23L3/00 (Core/Invention)
CPC: B01J13/043 A61K9/1676 A61K9/2081 A61K38/1816 A61K38/193
A61K38/20 A61K38/21 A61K38/27 A61K9/1682 A61K38/22 A61K9/006
B05D1/02 A23K40/30 A23P10/30
European: B01J13/04B
US: 118/303 118/303S 424/464 424/464S 424/468 424/468P 424/489
424/490 424/490S 427/2.14 427/2.15 427/2.150S 427/213 514/7.2
514/9.7
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Priority:

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EP20110858923	20110218	EP20180173435	20110218	WO2011AU00173	20110218
US20120320520	20120514	US20140586548	20141230	JP20150156567	20150807

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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 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: PHENOLIC ANTIOXIDANT-SUPPLEMENTED INFUSION BEVERAGE

Abstract: A dry composition that is brewed with potable liquid to produce an infusion beverage and methods of using such compositions are described. The composition includes a first amount of fruit and/or vegetable-derived particulate solids combined with a second pre-measured amount of a particulate bioactive component-containing material, advantageously an antioxidant-rich material. When immersed in the liquid the composition releases the phenolic antioxidants to produce a serving of the beverage. The bioactive component-containing material is advantageously configured and sized to remain substantially uniformly distributed throughout the dry composition.

Classifications:

International (IPC 8-9): A23F3/00 A23F5/00 A23G1/48 A23L1/30 A23L1/302 A23L2/52 (Advanced/Invention)

CPC: A23F3/00 A23F5/00 A23G1/48 A23L2/52 A23L33/10 A23L33/15

US: 426/590 426/590S 426/593 426/593S 426/595 426/595S 426/597 426/597S 426/598 426/598S 426/72 426/72P

Family:

Publication number	Publication date	Application number	Application date
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Priority:

US20090435394 20090504

Probable Assignee: PERLMAN CONSULTING LLC

Assignee(s): (std): PERLMAN DANIEL

Assignee(s): PERLMAN CONSULTING LLC

Inventor(s): (std): PERLMAN DANIEL

Title: JUCARA AND ACAI FRUIT-BASED DIETARY SUPPLEMENTS

Abstract: The present invention relates to stable, palatable, freeze-dried, fruit-based dietary supplements. Specifically, the invention relates to compositions of Acai fruit and Jucara fruit with high antioxidant capability and cyclooxygenase-inhibitory activity, and their uses. The invention further provides for methods of making stable, palatable, freeze-dried, fruit-based dietary supplements from Acai fruit and Jucara fruit.

Classifications:

International (IPC 8-9): A23L A23L1/212 A23L1/28 A23L1/29 A23L1/30

A61K31/7048 A61K36/00 A61K36/18 A61K36/88 A61K36/888

A61K36/889 A61K9/00 A61K9/12 A61P1/04 A61P11/00 A61P19/02

A61P25/00 A61P25/16 A61P25/28 A61P29/00 A61P35/00 A61P39/06

A61P43/00 A61P9/00 A61P9/10 A61P9/14 (Advanced/Invention);

A61K (Subclass/Invention)

International (IPC 1-7): A61K35/78 A61K36/889

CPC: A61K2236/51 A61K9/0053 A23L1/2121 A23L1/3002 A23L19/01

A23L33/105 A61K36/889

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US: 1/1 424/45 424/45P 424/725 424/727 424/727P 424/777 424/777P

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JP F-Term: 4B018 4B018/MD52 4B018/ME08 4B018/ME14 4C088

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4C088/NA14 4C088/ZA01 4C088/ZA02 4C088/ZA16 4C088/ZA36

4C088/ZA44 4C088/ZA59 4C088/ZA68 4C088/ZA96 4C088/ZB11

4C088/ZB26 4C088/ZC20 4C088/ZC37 4C088/ZC41 4C088/ZC80 4C201

JP F-Index: A23L1/30/B A23L33/10 A61K35/78/C A61K35/78/Y

A61K36/889 A61P1/04 A61P11/00 A61P19/02 A61P25/00 A61P25/16

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A61P9/10 A61P9/14

PatBase - US2006275511_AA

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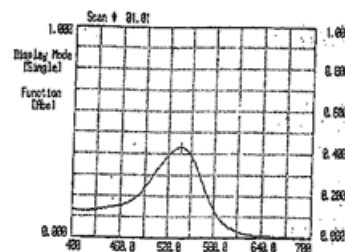


FIG. 1

Family:

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US2009156513 AA	20090618	US20080259988	20081028
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US2010239694 AA	20100923	US20100760395	20100414
US2013095195 AA	20130418	US20120442858	20120410
US2015258163 AA	20150917	US20150726221	20150529
US2015258164 AA	20150917	US20150726266	20150529
US7563465 BB	20090721	US20040550502	20040322
US7700138 BB	20100420	US20080259988	20081028
US7727564 BB	20100601	US20080259993	20081028
US7799354 BB	20100921	US20090498269	20090706
US8153170 BB	20120410	US20100760395	20100414
US9066975 BB	20150630	US20120442858	20120410
US9352009 BB	20160531	US20150726266	20150529
US9526755 BB	20161227	US20150726221	20150529
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WO04084833 A3	20050120	WO2004US08739	20040322
WO04084833 C1	20070621	WO2004US08739	20040322

Priority:

US20030456882 20030321	US20030456882P 20030321	EP20040758022 20040322
US20040550502 20040322	WO2004US08739 20040322	US20060550502 20060616
US20080259993 20081028	US20080259977 20081028	US20080259988 20081028
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US20150726221 20150529	US20150726266 20150529	

Probable Assignee: K2A LLC

Assignee(s): (std): K2A CO LTD ; K2A INC ; K2A LLC ; MURDOCK KENNETH A ; SCHAUSS ALEXANDER G

Assignee(s): K2A CO ; K2A LLC SPRINGVILLE

Inventor(s): (std): CHAUS A G ; MURDOCH K A ; CHAUS K A MURDOCH A G ; MURDOCK KENNETH A ; SCHAUSS ALEXANDER G ; KENNETH A MURDOCK ; ALEXANDER G SCHAUSS

Inventor(s): SCHAUSS ALEXANDER ; MURDOCK KENNETH ; SCGAYSSM AKEXABDER G ; K A MURDOCH A G CHAUS ; MURDOCK KENNETH A SPRINGVILLE ; SCHAUSS ALEXANDER G TACOMA ; K A MURDOCH ; A G CHAUS

Agent(s): PHILLIPS ORMONDE FITZPATRICK; SIM AND MCBURNEY; MANITZ FINSTERWALD AND PARTNER GBR; CARPINTERO MARIO; MARKS AND CLERK; GREENBERG TRAURIG LLP; GREENBERG TRAURIG LLP (LA); STEVE P HASSID SILICON EDGE LAW GROUP LLP; STEVE P; SILICON EDGE LAW GROUP LLP; CHEN; STEVE; PARTNERS LAW GROUP INC; PARTNERS LAW GROUP

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

21) Family number: 1188351 (US4060645A)

© PatBase

Title: DEHYDRATED FOOD PRODUCT

Abstract: A dehydrated food product in the form of grains which dissolve instantly in water and which have a porous, continuous structure, a smooth surface and an apparent density of from 30 to 600 g/l the product is prepared by which comprises extruding a thermoplastic starting material in powder or paste form into a chamber where a sub-atmospheric pressure prevails, and cutting the extruded product into fragments.

Classifications:

International (IPC 8-9): A23B7/02 A23B7/12 A23F3/00 A23F3/32
A23F3/34 A23F5/24 A23F5/38 A23L1/00 A23L1/22 A23L1/221 A23L1/226
A23L1/24 A23L1/31 A23L1/326 A23L1/40 A23L2/39 A23L3/00 A23P1/00
A23P1/02 A61K36/00 (Advanced/Invention);
A23B7/02 A23F5/24 A23L1/22 A23L1/24 A23L1/31 A23L1/326 A23P1/02
A61K36/00 (Advanced/Non-invention);
A23B7/02 A23B7/10 A23F3/00 A23F5/24 A23L1/00 A23L1/22 A23L1/221
A23L1/24 A23L1/31 A23L1/326 A23L1/39 A23L2/385 A23P1/00 A23P1/02
A61K36/00 (Core/Invention)

International (IPC 1-7): A23F1/00 A23F1/08 A23F1/10 A23F1/16
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CPC: A23P10/20 A23P10/25 A23L23/10 A23F3/32 A23F3/34 A23F5/38

European: A23F3/32 A23F3/34 A23F5/38 A23L1/00P2 A23L1/00P2C
A23L1/40

US: 426/302 426/445 426/448 426/516 426/589 426/594 426/597

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JP F-Term: 4B013 4B013/BA01 4B013/BA06 4B017 4B017/LC08
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A61K135/00 A61K35/78/Y A61K36/28 A61K36/74 A61K36/82

PatBase - US4060645_A

U.S. Patent

Nov. 29, 1977

4,060,645

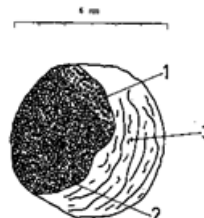


FIGURE 1



FIGURE 2

Family:

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DE2549391 B2	19810115	DE19752549391	19751104
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SE422737 C	19820708	SE19750013793	19751208
SE7513793 A	19760618	SE19750013793D	19751208
SE7513793 L	19760618	SE19750013793	19751208
US4060645 A	19771129	US19750634519	19751124
US4154864 A	19790515	US19780891560	19780330
ZA7507413 A	19761124	ZA19750007413	19751125
ZA7507414 A	19761124	ZA19750007414	19751125

Priority:

FR19740041602 19741217 FR19740041603 19741217 US19750635590 19751128

Probable Assignee: AVC HOLDINGS INC

Assignee(s): (std): MAGGI AG ; NESTLE SA ; PROD SOC D ; NESTLE SOC ASS TECH PROD SA ; PROD ALIMENTAIRES SA ; NESTLE SA SOC ASS TECH PROD ; NESTLE S PRODUCTS LTD ; NESTLE S PRODUCTS LIMITED ; PRODUITS SOC D

Assignee(s): SOCIETE DES PRODUITS NESTLE S A VEVEY (SCHWEIZ) ; SOCIETE DES PRODUITS NESTLE S A VEVEY SCHWEIZ ; SOCIETE DES PRODUITS NESTLE S A TE VEVEY ZWITZERLAND ; SOCIETE D ASSISTANCE TECHNIQUE POUR PRODUITS NESTLE S A ; RISLER PIERRE ; ROSE PIERRE ; STE DES PRODUITS NESTLE SA ; NESTLE (SOCIETE DES PRODUITS) SA ; MAGGI AG KEMPTTAL (SCHWEIZ) ; NESTLE 'S PRODUCTS LTD ; NESTLE'S PRODUCTS LIMITED ; MAGGI AG KEMPTTAL SCHWEIZ ; NESTLE SOCIETE DES PRODUITS SA ; NESTLE PRODUITS SA ; MAGGI TE KEMPTTAL ZWITZERLAND AG ; SOCIETE DES PRODUITS NESTLE S A ; PRODUITS ALIMENTAIRES SA ; STE DES PRODUITS NESTLE S A ; SOCIETE DES PRODUITS NESTLE S A VEVEY ZWITZERLAND ; SOCIETE DES PRODUITS ; NESTLE SA PRODUITS ; MAGGI KEMPTTAL SCHWEIZ AG ; MAGII AG ; NESTLE S A ; NESTLE SOC DES PRODUITS SA ; DES PRODUITS NESTLE S A VEVEY SCHWEIZ SOC ; MAGGI A G ; MAGGI A G KEMPTTAL ZWITZERLAND ; MAGGI A G TE KEMPTTAL ZWITZERLAND ; GIREAU JEAN ; DES PRODUITS NESTLE SA SOC ; DES PRODUITS NESTLE S A SOC ; DES PRODUITS NESTLE TE VEVEY ZWITZERLAND SA SOC ; DES PRODUITS SOC ; ASSISTANCE TECHNIQUE PRODUITS NESTLE ; AVC HOLDINGS INC ; BISSEON JEAN PIERRE ; D ASSISTANCE TECHNIQUE POUR PRODUITS NESTL SOC ; D ASSISTANCE TECHNIQUE POUR PRODUITS NESTLE SA SOC

Inventor(s): (std): BISSEON J P ; BISSEON JEAN PIERRE ; GIREAU J ; GIREAU JEAN ; JEAN PIERRE BISSEON ; RISLER P ; RISLER PIERRE ; ROSE P ; ROSE PIERRE ; ISLER PIERRE ; GIRIAU JEAN ; PIERRE ROSE ; PIERRE RISLER ; JEAN GIREAU ; PIERRU ROZE ; PIERRU RISURE ; JAN PIERRU BISON ; JAN JIRO ; PISSEON J

Inventor(s): RA SLER P GITEAU J ROSE P AND BISSEON J P ; PIERRE RISLER JEAN GIREAU PIERRE ROSE JEAN PIERRE ; GIREAU JEAN MONTROUGE ; BISSEON JEAN PIERRE BOULOGNE BILLANCOURT ; ROSE PIERREe ; PIERRE RISLER JEAN GIREAU PIERRE ROSE JEAN PIERRE BISSEON ; PIERRE RISLER JEAN GIREAU PIERRE ROSE ET JEAN PIERRE BISSEON ; ROSE PIERRE ENNERY ; RISLER PIERRE MONTMORENCY ; PIERRE RISLER JEAN GIREAU PIERRE ROSE ET JEAN PIER ; PIERRE ISLER ; P ROSE ; P RISLER ; J P BISSEON ; J GIREAU ; JEAN PIERRE BISSEON TE BOULOGNE BILLANCOURT ; JP BISSEON ; PIERRE RISLER TE MONTMORENCY ; PIERRE ROSE TE ENNERY ; JEAN GIREAU TE MONTROUGE ; FRANKRIJK

Agent(s): SW; SHELSTON IP PTY LTD

22) Family number: 2391381 (EP0037675A2)

© PatBase

Title: EDIBLE CARRIERS FOR VOLATILE COMPONENTS.

Abstract: Dry water-soluble particles having a microporous structure, such that the particles have a surface area in excess of 5 m²/gm and a pore volume of micropores less than 150 ÅNGSTROM radius in excess of 5 μl/g, are obtained by rapidly freezing and thereafter freeze drying an aqueous solutions and/or dispersions of edible material or by dehydrating these aqueous solutions and/or dispersions via contact with an anhydrous, water-miscible solvent and thereafter removing the solvent. The dry particles are used to readily sorb volatiles such as aromatics and carbon dioxide. Aromatized particles are combined at a low level and packaged with food substrates such as soluble powders of roasted vegetable material. The packaged product will upon initial opening and subsequent in-use openings provide a readily-apparent and stable headspace aroma. CO₂-loaded particles are used to carbonate aqueous beverages.

Classifications:

International (IPC 8-9): A23F3/42 A23F5/00 A23F5/32 A23F5/48 A23F5/50 A23L1/22 A23L2/40 A23L27/00 (Advanced/Invention); A23F3/40 A23F5/24 A23F5/46 A23L1/22 A23L2/40 (Core/Invention)

International (IPC 1-7): A23F5/00 A23F5/32 A23F5/48 A23L1/22 A23L2/26 A23L2/40

CPC: A23L27/70 A23F5/505 A23F3/426 A23F5/32 A23F5/486 A23L2/40

European: A23F3/42H A23F5/32 A23F5/48H A23F5/50H A23L1/22B A23L2/40

SUBSTITUTE
REPLACEMENT

SECTION is not Present
Cette Section est Absente

Family:

Publication number	Publication date	Application number	Application date
AT14825 E	19850815	AT19810301256T	19810324
CA1182326 A1	19850212	CA19810372993	19810313
DE3171771 D1	19850919	DE19813171771	19810324
EP0037675 A2	19811014	EP19810301256	19810324
EP0037675 A3	19811223	EP19810301256	19810324
EP0037675 B1	19850814	EP19810301256	19810324
ES501167 A0	19840516	ES19810501167	19810408
ES8404833 A1	19840516	ES19810501167	19810408

Priority:

US19800138817 19800409 CA19810372993 19810313 EP19810301256 19810324

Probable Assignee: GEN FOODS CORP

Assignee(s): (std): GEN FOODS CORP

Assignee(s): GENERAL FOODS CORP ; HUDAK STEPHEN F ; SALEEB FOUAD Z

Inventor(s): (std): HUDAK STEPHEN F ; HUDAK STEPHEN FRANCIS ; SALEEB FOUAD Z ; SALEEB FOUAD ZAKI

Agent(s): MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP

Designated states: AT BE CH DE FR GB IT LI LU NL SE

23) Family number: 53194390 (WO13036149A1)

© PatBase

Title: EXTRUDED BIOMATERIALS WITH BRANS AND PLANT FIBERS AS DISPERSED PHASE FILLERS

Abstract: This present invention relates to the use of dispersed phase fillers in the form of brans and plant fibers in extruded textured food grade biomaterials. The dispersed phase fillers are used to modify the physical characteristics of the extruded materials to allow greater variety in food applications of the extrudates with brans and plant fibers for food service-prepared, processed, or manufactured foods.

Classifications:

International (IPC 8-9): A23J3/14 A23L1/305 A23L1/308 (Advanced/Invention)

CPC: A23J3/14 A23L7/115 A23L33/185 A23L33/21

Family:

Publication number	Publication date	Application number	Application date
EP2747586 A1	20140702	EP20110871929	20110906
WO13036149 A1	20130314	WO2011PH00014	20110906

Priority:

WO2011PH00014 20110906

Probable Assignee: FOODFLOW INC

Assignee(s): (std): ALDAY JUDIT ; AZANZA MARIA PATRICIA ; CHU BERNARDITO ; FOODFLOW INC

Inventor(s): (std): ALDAY JUDIT ; AZANZA MARIA PATRICIA ; CHU BERNARDITO

Agent(s): PETERS HAJO; FEDERIS MILA

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 TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

24) Family number: 41653428 (US2010004185A)

PatBase

Title: EXTRACTS DERIVED FROM SUGAR CANE AND A PROCESS FOR THEIR MANUFACTURE

Abstract: An extract derived from sugar cane having GI or burn rate reducing characteristics wherein the extract comprises a mixture of one or more polyphenols, one or more carbohydrates, one or more minerals and one or more organic acids.

Classifications:

International (IPC 8-9): A23L A23L1/03 A23L1/09 A23L1/22 A23L1/29 A23L1/30 A23L2/52 A61K31/192 A61K31/235 A61K31/70 A61K31/7004 A61K31/7016 A61K31/7048 A61K33/00 A61K33/06 A61K36/00 A61K36/899 A61K8/97 A61P17/16 A61P17/18 A61P25/28 A61P3/04 A61P3/10 A61P31/18 A61P35/00 A61P39/06 A61P43/00 A61P7/02 A61P9/08 A61P9/10 A61P9/12 A61Q19/00 A61Q19/08 B01D61/14 C13B20/16 C13D3/16 C13K13/00 (Advanced/Invention); A23L (Subclass/Invention)

International (IPC 1-7): C13D3/16

CPC: A23L33/105 A61K36/899 A61K31/7016 A61K31/7004 A61K33/06 A61K33/00 A61K31/7048 A61K31/235 A61K31/192 A61K8/97 A61Q19/00 A23L2/52 A21D2/08 A23C9/152 A23V2002/00

European: A23L1/30B

US: 1/1 127/42 127/42S 424/682 426/618 426/618S 426/639 426/639S 426/655 426/655S 426/658 426/658S 514/23 514/23P

JP F-Term: 4B018 4B018/MD01 4B018/MD08 4B018/MD09 4B018/MD27 4B018/MD48 4B018/ME03 4B018/ME06 4B018/ME08 4B018/ME10 4B018/ME14 4B018/MF01 4B018/MF06 4B035 4B035/LC01 4B035/LG01 4B035/LG04 4B035/LG06 4B035/LG31 4B035/LK03 4B035/LP22 4B035/LP23 4B035/LP59 4B041 4B041/LC01 4B041/LC10 4B041/LD08 4B041/LH01 4B041/LK01 4B041/LK07 4B041/LK21 4B041/LP05 4B047 4B047/LB03 4B047/LG01 4B047/LG06 4B047/LG08 4B047/LG21 4B047/LG37 4B047/LP01 4C083 4C083/AA11 4C083/BB06 4C083/CC01 4C083/DD12 4C083/DD14 4C083/DD15 4C083/DD16 4C083/DD17 4C083/DD23 4C083/DD31 4C083/DD41 4C083/EE12 4C083/EE13 4C083/FF01 4C088 4C088/AB73 4C088/AC02 4C088/AC14 4C088/BA07 4C088/BA08 4C088/BA12 4C088/BA14 4C088/CA02 4C088/CA03 4C088/CA11 4C088/CA12 4C088/CA14 4C088/CA17 4C088/CA19 4C088/MA17 4C088/MA22 4C088/MA23 4C088/MA28 4C088/MA31 4C088/MA32 4C088/MA35 4C088/MA37 4C088/MA41 4C088/MA43 4C088/MA52 4C088/MA60 4C088/MA63 4C088/MA66 4C088/NA14 4C088/ZA16 4C088/ZA39 4C088/ZA40 4C088/ZA42 4C088/ZA45 4C088/ZA70 4C088/ZA89 4C088/ZB26 4C088/ZB33 4C088/ZC35 4C088/ZC37 4C088/ZC55 4C201 4D006 4D006/GA06 4D006/HA61 4D006/MB05 4D006/PB12 4D006/PB59 4D006/PC11 4D006/PC41 4B018/MD29 4B018/MD53 4B018/ME01 4B018/ME04

JP F-Index: A23L1/03 A23L1/09 A23L1/22/101/Z A23L1/30/B A23L27/00/101/Z A23L29/00 A23L29/30 A23L33/105 A23L33/12 A23L33/125 A61K35/78/U A61K35/78/Y A61K36/899 A61K8/97 A61K8/9794 A61P17/16 A61P17/18 A61P25/28 A61P3/04 A61P3/10 A61P31/18 A61P35/00 A61P39/06 A61P43/00/107 A61P7/02 A61P9/08 A61P9/10/101 A61P9/10/103 A61P9/12 A61Q19/08 B01D61/14/500

Family:

Publication number	Publication date	Application number	Application date
AU2007299581 AA	20080327	AU20070299581	20070919
AU2007299581 BB	20110428	AU20070299581	20070919
BRPI0715018 A2	20131126	BR2007P115018	20070919
CA2662364 AA	20090302	CA20072662364	20070919
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CN101553582 A	20091007	CN200780034764	20070919
CN104323268 A	20150204	CN201410550872	20070919
EP2064352 A1	20090603	EP20070800335	20070919
EP2064352 A4	20101103	EP20070800335	20070919
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JP2013176376 A2	20130909	JP20130088970	20130422
JP5639221 B2	20141210	JP20130088970	20130422
MX2009002413 A1	20090320	MX20090002413	20070919
US2010004185 AA	20100107	US20070440717	20070919
US2016263177 AA	20160915	US20160162003	20160523
US9364016 BB	20160614	US20070440717	20070919
WO08034180 A1	20080327	WO2007AU01382	20070919

Priority:

AU20060905179 20060919 AU20070299581 20070919 JP20090528551 20070919
CN200780034764 20070919 WO2007AU01382 20070919 US20090440717 20090421
US20160162003 20160523

Probable Assignee: PRODUCT MAKERS AUSTRALIA PTY LTD

Assignee(s): (std): HORIZON SCIENCE PTY LTD ; KANNAR DAVID ; KITCHEN BARRY JAMES ; PRODUCT MAKERS AUSTRALIA

PatBase - US2010004185_HF

Patent Application Publication Jan. 7, 2010 Sheet 1 of 24 US 2010/0004185 A1

FIGURE 1
Component

PTY LTD

Assignee(s): PRODUCT MAKERS AUSTRALIA PTV LTD

Inventor(s): (std): KANNAR DAVID D ; KITCHEN BARRY JAMES BJ ; KITCHEN BARRY JAMES ; KANNAR DAVID

Inventor(s): DAVID KANNAR ; BARRY JAMES KITCHEN

Agent(s): HERBERT SMITH FREEHILLS; FB RICE; FB RICE PTY LTD; FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP; DELORME NICOLAS ET AL; LEHMAN LEE AND XU PATENT AND TRADEMARK AGENTS LTD; OZAWA SEIJI; HIROTA MASANORI; REED SMITH LLP; MYERS BIGEL AND SIBLEY PA; MCMASTER WAYNE 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

25) Family number: 30825461 (US2006148757A) © PatBase

Title: METHOD OF INHIBITING FORMATION OF VOLATILE ALDEHYDES AND/OR DECOMPOSITION OF FATTY ACIDS AND USE THEREOF

Abstract: The present invention has objects to provide a method for inhibiting the formation of volatile aldehydes and/or the decomposition of fatty acids and use thereof. These objects are attained by establishing a method which comprises incorporating an alpha-oligoglucosyl alpha,alpha-trehalose(s) to a target product to inhibit the formation of volatile aldehydes per se and/or the decomposition of fatty acids per se in fatty acid-containing products; an inhibitory agent for inhibiting the formation of volatile aldehydes and/or the decomposition of fatty acids, which contains an alpha-oligoglucosyl alpha,alpha-trehalose(s) as an effective ingredient; and use thereof to thereby obtain various compositions such as food products, cosmetics, pharmaceuticals, and their materials and intermediates each having a high quality and stability.

Classifications:

International (IPC 8-9): A01N43/04 A23G3/00 A23L1/015 A23L1/03 A23L1/09 A23L1/236 A23L2/60 A23L3/3562 A61K31/715 A61K47/26 A61K47/36 A61K47/44 A61K8/00 A61K8/30 A61K8/36 A61K8/60 A61K8/72 A61K8/73 A61K9/00 A61K9/10 A61Q19/00 A61Q19/10 C09K15/06 C11B5/00 (Advanced/Invention); C11B5/00 (Advanced/Non-invention); A23G3/00 A23L1/015 A23L1/09 A23L1/236 A23L2/52 A23L3/3463 A61K31/715 A61K47/26 A61K47/36 A61K8/30 A61K8/72 A61K9/00 A61Q19/00 C09K15/00 C11B5/00 (Core/Invention)

International (IPC 1-7): A23L1/015 A23L1/09 A23L3/3562 A61K47/26 A61K47/36 A61K7/00 A61K7/02 A61K7/50 C09K15/06 C11B5/00

CPC: A23L5/27 A23L27/33 A23L3/3562 A23L2/60 A61K8/60 A61K8/73 A61K9/0014 A61K9/0019 A61K47/26 A61K2800/52 A61Q19/00 C11B5/0021

European: A23L1/015E A23L1/236D A23L2/60 A23L3/3562 A61K47/26 A61K8/60 A61K8/73 A61K9/00M3 A61K9/00M5 A61Q19/00 C11B5/00F K61K201/06 K61K800/52

US: 424/70.13 424/70.130S 426/660 426/660S 514/61 514/61P

JP F-Term: 4B021 4B021/LW01 4B021/LW02 4B021/LW03 4B021/LW05 4B021/LW06 4B021/LW07 4B021/LW08 4B021/LW09 4B021/LW10 4B021/MC10 4B021/MK02 4B021/MK28 4B021/MP01 4B021/MQ04 4B035 4B035/LC05 4B035/LC16 4B035/LG17 4B035/LK19 4B041 4B041/LC07 4B041/LC10 4B041/LD08 4B041/LD10 4B041/LK09 4C076 4C076/AA16 4C076/BB01 4C076/BB13 4C076/BB21 4C076/BB22 4C076/CC18 4C076/CC40 4C076/DD67 4C076/EE30 4C076/EE53 4C083 4C083/AA12 4C083/AB31 4C083/AB35 4C083/AC10 4C083/AC12 4C083/AC18 4C083/AC25 4C083/AC30 4C083/AC42 4C083/AC44 4C083/AD09 4C083/AD21 4C083/AD66 4C083/CC05 4C083/CC17 4C083/CC25 4C083/DD31 4C083/EE12 4C083/EE13 4C083/EE16 4C083/EE17 4C083/EE18 4C083/FF01 4H059 4H059/BB60 4H059/EA01 4H059/EA02 4H059/EA03

JP F-Index: A23L1/03 A23L1/09 A23L29/00 A23L29/30 A23L3/3562 A61K47/26 A61K47/36 A61K47/44 A61K7/00/C A61K7/00/F A61K7/00/J A61K7/48 A61K7/50 A61K8/00 A61K8/30 A61K8/60 A61K8/72 A61K8/73 A61K9/10 A61Q19/00 A61Q19/10 C11B5/00

Family:

Publication number	Publication date	Application number	Application date
CN1969032 A	20070523	CN200480005789	20040210
CN1969032 B	20101229	CN200480005789	20040210
DE602004043026 D1	20131010	DE200460043026T	20040210
EP1600496 A1	20051130	EP20040709733	20040210
EP1600496 A4	20070110	EP20040709733	20040210
EP1600496 B1	20130814	EP20040709733	20040210
EP1600496 B8	20131009	EP20040709733	20040210
JP2004072216 A1	20060601	JP20050504971T	20040210
JP4512036 B1	20100728	JP20050504971T	20040210
JP4512036 B2	20100728	JP20050504971T	20040210
KR101075696 B1	20111021	KR20057014748	20040210
KR20050100670 A	20051019	KR20057014748	20040210
TW200506045 A	20050216	TW20040103376	20040212
TWI341327 B	20110501	TW20040103376	20040212
US2006148757 AA	20060706	US20050545078	20050809
US8642575 BB	20140204	US20040545078	20040210
WO04072216 A1	20040826	WO2004JP01409	20040210

Priority:

JP20030034882 20030213 EP20040709733 20040210 WO2004JP01409 20040210

Probable Assignee: HAYASHIBARA CO LTD

Assignee(s): (std): FUKUDA SHIGEHARU ; HAYASHIBARA BIOCHEM LAB ; HAYASHIBARA CO ; OKU KAZUYUKI ; KUBOTA MICHIO ; MIYAKE TOSHIO

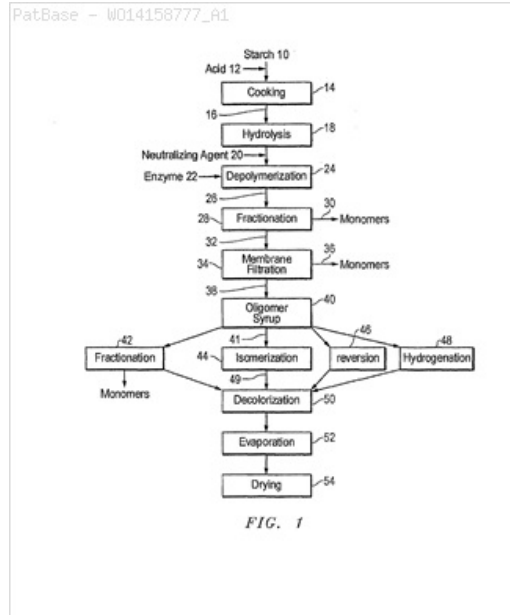
Assignee(s): KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKY ; KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO ; HEEREMA MARINE CONTRACTORS NEDERLAND SE ; HAYASHIBARA CO LTD ; HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO KK ; HAYASHIBARA SEIBUTSU KAGAKU KK

Inventor(s): (std): TOSHIO OKU KAZUYUKI KUBOTA MIC ; KAZUYUKI OKU ; SHIGEHARU FUKUDA ; MICHIO KUBOTA ; TOSHIO

Inventor(s):	OKU KAZUYUKI KUBOTA MICHIO FUKUDA SHIGEHARU ; MIYAKE TOSHIO C O HAYASHIBARA KK ; KUBOTA MICHIO C O HAYASHIBARA KK ; OKU KAZUYUKI C O HAYASHIBARA KK ; FUKUDA SHIGEHARU C O KABUSHIKI K HAYASHIBARA ; OKU KAZUYUKI C O HAYASHIBARA OKAYAMA SHI KK ; KUBOTA MICHIO C O HAYASHIBARA OKAYAMA SHI KK ; FUKUDA SHIGEHARU C O KABUSHIKI K HAYASHIBARA OKAYAMA SHI ; MIYAKE TOSHIO C O HAYASHIBARA OKAYAMA SHI KK ; OKU KAZUYUKI KUBOTA MICHIO FUKUDA SHIGEHARU MIYAKE TOSHIO ; OKU KAZUYUKI KUBOTA MICHIO FUKUDA SHIGEHARU MIYAKE
Agent(s):	PAGE WHITE AND FARRER; DANIELS JEFFREY NICHOLAS; BROWDY AND NEIMARK PLLC 624 NINTH STREET NW; BROWDY AND NEIMARK PLLC
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 MY NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Abstract: A carbohydrate composition useful as a food ingredient (e.g., as a reduced calorie bulking agent) is provided which contains linear saccharide oligomers and non-linear saccharide oligomers, a sugar content of from about 5 percent to about 25 percent on a dry solids basis, a content of higher molecular weight polysaccharides sufficiently low such that the carbohydrate composition has a viscosity of less than about 16,000 cP at 100 degrees Fahrenheit and 75 percent dry solids, and from about 10 percent to about 70 percent fiber on a dry solids basis. The carbohydrate composition may be a blend (admixture) of a fiber-containing syrup and a low sugar syrup, wherein the fiber-containing syrup is comprised of linear and non-linear saccharide oligomers and contains from about 10 percent to about 80 percent by weight fiber on a dry solids basis and the low sugar syrup has a sugar content of from about 5 percent to about 30 percent by weight on a dry solids basis and has a DP11+ content not greater than about 15 percent by weight on a dry solids basis.

International (IPC 8-9): A23L1/308 A23L29/30 A23L33/125 A23L33/21 A23L5/00 C07H3/06 C12P19/04 C13K13/00 (Advanced/Invention)
IPC: C13K13/00 C12P19/14 C12P19/24 A23L33/21 C12P19/04
JP F-Term: 4B018 4B018/LE05 4B018/MD27 4B018/MD47 4B018/ME14 4B035 4B035/LC06 4B035/LE03 4B035/LG17 4B035/LG20 4B035/LG40 4B035/LK19 4B041 4B041/LC10 4B041/LD08 4B041/LH02 4B041/LK09 4B041/LK33
JP F-Index: A23L1/00/N A23L1/09 A23L1/308 A23L29/30 A23L33/22 A23L5/00/N



Publication number	Publication date	Application number	Application date
AR095428 AA	20151014	AR2014P100972	20140313
AU2014241898 AA	20151001	AU20140241898	20140304
BR112015023249 A2	20170718	BR20151123249	20140304
CA2905812 AA	20150911	CA20142905812	20140304
CN105163604 A	20151216	CN201480024946	20140304
EP2986166 A1	20160224	EP20140712107	20140304
GB201309159 A0	20130703	GB20130009159	20130521
JP2016510604 T2	20160411	JP20160500570T	20140304
MX2015012264 A1	20151217	MX20150012264	20140304
WO14158777 A1	20141002	WO2014US20105	20140304

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

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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

27) Family number: 54318503 (US2016037811A)

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Title: FRUIT AND VEGETABLE PRODUCT FOR CURING ORAL ULCER, AND PREPARATION METHOD THEREFOR

Abstract: A fruit and vegetable product for curing oral ulcer, and a preparation method thereof. The fruit and vegetable product is made by mixing the following crude materials of different parts by weight: vegetables and/or fruits of 30-100 parts, food additives of 0-15 parts, probiotics powder of 0-5 parts, and recipients of 0-40 parts, the vegetables and fruits being cool and cold, cool and mild, and cold and mild; and the vegetables or fruits being cool, cold or mild in the theory of traditional Chinese medicine.

Classifications:

International (IPC 8-9): A23L1/212 A23L1/29 A23L1/30 A23L2/02 A23L33/00 A61K35/747 A61K35/748 A61K36/03 A61K36/18 A61K36/21 A61K36/23 A61K36/31 A61K36/42 A61K36/73 A61K36/81 A61K36/88 A61K36/8905 (Advanced/Invention)

CPC: A61K36/73 A61K36/31 A61K36/03 A61K36/21 A61K36/81 A61K36/42 A61K36/18 A61K35/747 A61K36/88 A61K36/8905 A61K36/23 A61K35/748 A23V2002/00 A23Y2220/15 A23Y2220/67 A23L19/01 A23L33/00 A23L33/135 A61K35/744 A61K35/745 A61K36/185 A61K9/0095 A61K9/2018 A61K9/1623 A23L2/52 A23L2/02

US: 424/195.17 424/755 424/93.4 424/93.45

Family:

Publication number	Publication date	Application number	Application date
CN103190626 A	20130710	CN201310135167	20130417
CN103190626 B	20141203	CN201310135167	20130417
US2016037811 AA	20160211	US20130778964	20130913
WO14169563 A1	20141023	WO2013CN083471	20130913

Priority:

CN201310135167 20130417 WO2013CN083471 20130913

Probable Assignee: GUANGZHOU BOXABIOTECH CO LTD

Assignee(s): (std): GUANGZHOU BOXABIOTECH CO LTD ; XIAO TIANCUN

Assignee(s): GUANGZHOU BOXABIOTECH CO

Inventor(s): (std): LI LI ; XIAO TIANCUN ; ZHANG PENGFEI ; CHEN RENJU

Agent(s): ADVANCE CHINA I P LAW OFFICE

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 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

28) Family number: 53293504 (US2013078193A)

© PatBase

Title: SWEETENER COMPOSITIONS, METHODS OF MAKING SAME AND CONSUMABLES CONTAINING SAME

Abstract: In one embodiment, the invention is to a sweetener composition comprising at least one sweetener and a pregelatinized starch, in particular to novel sweetener compositions that have a prolonged sweetener release rate and that provide a prolonged sweetening sensation to the consumer. The pregelatinized starch comprises particles having a plurality of pores having a specific average pore diameter. The sweetener is disposed in at least one of the pores. At least 50 percent of the particles has an average particle size of at least 50 microns.

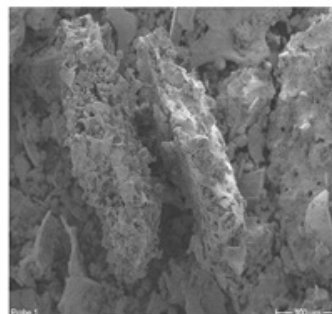
Classifications:

International (IPC 8-9): A23G4/10 A23L1/0522 A23L1/09 A23L1/22 A23L1/236 A61C15/04 A61K8/73 A61Q11/00 (Advanced/Invention)

CPC: A23G3/36 A23G4/06 A21D2/18 A21D2/186 A21D10/005 A23C9/1307 A23L27/30 A23L27/31 A23L27/37 A23L27/70 A23L29/212 A23G1/32

US: 132/321 424/49 426/3 426/548 426/549 426/567 426/571 426/573 426/580 426/582 426/583 426/618 426/619 426/631 426/635 426/639 426/659 426/660 426/661

FIG. 1

**Family:**

Publication number	Publication date	Application number	Application date
US2013078193 AA	20130328	US20120624068	20120921
WO13041236 A1	20130328	WO2012EP03972	20120921

Priority:

EP20110007735 20110922 US20110537795P 20110922 US20120624068 20120921

Probable Assignee: NITRINOVA NUTRITION SPECIALTIES AND FOOD INGREDIENTS GMBH

Assignee(s): (std): NUTRINOVA GMBH ; WONSCHIK JOHANN

Assignee(s): NUTRINOVA NUTRITION SPECIALTIES AND FOOD INGREDIENTS GMBH ; NITRINOVA NUTRITION SPECIALTIES AND FOOD INGREDIEN ; NITRINOVA NUTRITION SPECIALTIES AND FOOD INGREDIENTS GMBH

Inventor(s): (std): WONSCHIK JOHANN

Agent(s): LAHRTZ FRITZ

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 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

29) Family number: 3826519 (US4389422A)

© PatBase

Title: METHOD FOR PRODUCING AROMATIZED MICROPOROUS SUBSTRATES

Abstract: Microporous particles of vegetable material are obtained by spraying an aqueous solution of a vegetable material into an anhydrous solvent, such as ethanol or by boiling particles of spray dried vegetable material in these solvents.

Classifications:

International (IPC 8-9): A23F3/42 A23F5/28 A23F5/32 A23F5/48 A23L1/22 A23L27/00 (Advanced/Invention);

A23F3/40 A23F5/24 A23F5/46 A23L1/22 (Core/Invention)

International (IPC 1-7): A23F3/40 A23F5/46 A23L1/22 A23L1/222

CPC: A23F5/486 A23F3/426 A23F5/285 A23F5/32 A23L27/70

European: A23F3/42H A23F5/28D A23F5/32 A23F5/48H A23L1/22B

US: 34/357 34/9 426/388 426/424 426/426 426/594 426/596 426/599 426/650 426/651

Family:

Publication number	Publication date	Application number	Application date
US4389422 A	19830621	US19810303458	19810918

Priority:

US19800139058 19800410 US19810303458 19810918

Probable Assignee: GEN FOODS CORP

Assignee(s): (std): GEN FOODS CORP

Assignee(s): GENERAL FOODS A CORP OF DE CORP ; GENERAL FOODS CORP

Inventor(s): (std): HUDAK STEPHEN F

Title: PROCESS FOR MAKING VACUUM DRIED FRUIT PRODUCT

Abstract: The present invention defines an apparatus and a process for vacuum drying fruit or vegetables, particularly tropical fruit, such as bananas, mangos and pineapples, so as to provide an exceptionally sweet and flavorful fruit chip snack product which is substantially free of any additives such as frying oil, preservatives, added sugar and artificial sweeteners. The process is a vacuum drying process and utilizes a drying apparatus in the form of an autoclave which contains within it a stacked platen heat exchanger wherein trays of the fruit to be dried are placed between heated platens in the heat exchanger. The platens are heated using hot water or a hot water/steam mixture and the drying is done in the autoclave under pressure.

Classifications:

International (IPC 8-9): A23B7/02 A23G3/00 A23G3/34 A23L A23L1/212 A23L19/00 A23L3/015 (Advanced/Invention);

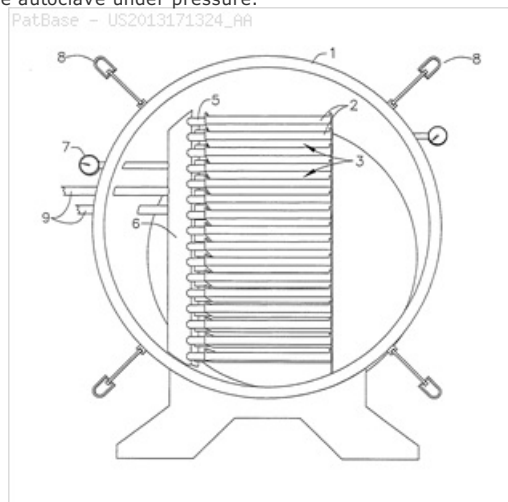
A23B A23L (Subclass/Invention)

CPC: A23L3/0155 A23B7/02 A23V2002/00 A23L19/03

US: 426/465 426/640

JP F-Term: 4B014 4B014/GE01 4B014/GG09 4B014/GP14 4B014/GP23 4B014/GQ01 4B014/GY01 4B014/GY03 4B016 4B016/LC02 4B016/LC06 4B016/LE01 4B016/LG01 4B016/LG05 4B016/LP03 4B016/LP05 4B016/LP08 4B069 4B069/AA04 4B069/BA01 4B069/BA06 4B069/BA08 4B069/HA01 4B069/HA11 4B069/HA13 4B169 4B169/AA04 4B169/BA01 4B169/BA06 4B169/BA08 4B169/HA01 4B169/HA11 4B169/HA13

JP F-Index: A23B7/005 A23B7/02 A23G3/00 A23L1/212/A A23L1/212/Z A23L19/00/A A23L19/00/Z



Family:

Publication number	Publication date	Application number	Application date
CA2854981 AA	20140507	CA20122854981	20121217
CN104093326 A	20141008	CN201280064276	20121217
EP2797437 A1	20141105	EP20120809526	20121217
HK1198103 A1	20150313	HK20140111664	20141119
JP2015506173 T2	20150302	JP20140550324T	20121217
MX2014008046 A1	20141208	MX20140008046	20121217
US2013171324 AA	20130704	US20120714979	20121214
US2013171325 AA	20130704	US20120715035	20121214
WO13101517 A1	20130704	WO2012US70076	20121217

Priority:

US20110580806P 20111228 US20120714979 20121214 US20120715035 20121214
WO2012US70076 20121217

Probable Assignee: CHIQUITA BRANDS INT INC

Assignee(s): (std): CHIQUITA BRANDS INT INC

Assignee(s): CHIQUITA BRANDS INT INC550 SOUTH CALDWELL STREETSUITE 1414CHARLOTTENC28202US ; CHIQUITA BRANDS LLC ; WELLS FARGO BANK NATIONAL ASSOCIATION ; WEDDERBURN HUMBERTO ; LOPEZ RAFEL ; MIRANDA CESAR ; SOLANO GUSTAVO ; IIYIN ILYA ; PALACIO JAVIER ; VASQUEZ JULIO ; WELLS FARGO BANK NATIONAL ASSOCIATION AGENT AS ; BANK OF AMERICA NA

Inventor(s): (std): PALACIO JAVIER ; MIRANDA CESAR ; ILYIN ILYA ; VASQUEZ JULIO ; SOLANO GUSTAVO ; WEDDERBURN HUMBERTO ; LOPEZ RAFEL ; IIYIN ILYA ; JAVIER PALACIO J ; GUSTAVO SOLANO G ; HUMBERTO WEDDERBURN H ; ILYA IIYIN I ; RAFEL LOPEZ R ; CESAR MIRANDA C ; JULIO VASQUEZ J

Inventor(s): JAVIER PALACIO ; JULIO VASQUEZ ; ILYA IIYIN ; CESAR MIRANDA ; GUSTAVO SOLANO ; HUMBERTO WEDDERBURN ; IIYIN ILYAUS ; LOPEZ RAFELCR ; WEDDERBURN HUMBERTOCR ; PALACIO JAVIEREC ; MIRANDA CESARCR ; VASQUEZ JULIOUS ; SOLANO GUSTAVOCR

Agent(s): MACPHERSON LESLIE AND TYERMAN LLP; SAMSON AND PARTNER; WENPING AND CO; KATO MASANOBU; GOLDSTEIN STEVEN 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 NZ NA NE 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: METHOD FOR MAKING KRILL MEAL

Abstract: A new method for krill meal production has been developed using a two step cooking process. In the first step the proteins and phospholipids are removed from the krill and precipitated as a coagulum. In the second stage the krill without phospholipids are cooked. Following this, residual fat and astaxanthin are removed from the krill using mechanical separation methods. A novel krill meal product with superior nutritional and technical properties is prepared.

Classifications:

International (IPC 8-9): A23D A23D7/005 A23D7/02 A23D7/04 A23D9/00 A23D9/013 A23D9/02 A23J A23J1/04 A23J7/00 A23K A23K1/00 A23K1/10 A23K1/16 A23K1/18 A23K10/20 A23K10/22 A23L A23L1/275 A23L1/29 A23L1/30 A23L1/305 A23L1/311 A23L1/325 A23L1/326 A23L1/33

A23L17/40 A23L33/00 A23L33/10 A23L33/115 A23L33/17 A61K
A61K31/122 A61K31/133 A61K31/198 A61K31/201 A61K31/202
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A61K9/16 A61K9/48 A61P19/00 A61P19/02 A61P25/28 A61P29/00
A61P39/06 A61P9/00 A61P9/10 B01D21/30 B01F15/06 C07F C07F9/10
C11B C11B1/06 C11B1/10 C11B11/00 (Advanced/Invention);
A23J1/04 A23J7/00 A23K1/10 A23L1/30 (Advanced/Non-invention);
A23D7/005 A23D7/02 A23D9/00 A23D9/007 A23D9/02 A23J1/00
A23J7/00 A23K1/10 A23K1/18 A23L1/27 A23L1/29 A23L1/30 A23L1/325
A23L1/326 A23L1/33 A61K31/683 A61K35/56 A61K9/48 A61P19/00
A61P29/00 A61P9/00 B01D21/30 B01F15/00 C07F9/00
C11B1/00 (Core/Invention);
A23D A23J A23K A23L A61K C07F C11B (Subclass/Invention)

International (IPC 1-7): A23J1/04

CPC: A61K35/612 A23D9/013 A23D7/011 C07F9/103 C11B1/06

A61K31/122 A61K31/202 A61K31/133 A61K31/575 A61K31/198 C11B1/10 A23V2002/00 A61K31/685 A23K10/22 A23K20/158
A23K20/179 A23K50/80 A23L33/115 A23L33/17 A23L17/10 A23L33/12 A23L17/40 Y02A40/818 A23L17/00

European: A23D7/01N A23D9/013 A23J7/00 A23K1/10B A23K1/16C A23K1/16I A23K1/18S A23L1/30 A23L1/30S A23L1/30C

A23L1/30C2 A23L1/325 A23L1/326 A61K35/56 A61K35/60 C07F9/10K C11B1/06 C11B1/10

US: 210/149 366/145 366/145S 366/147 366/147S 424/456 424/456P 426/417 426/417S 426/480 426/480S 426/601 426/601S
426/602 426/602P 426/608 426/608S 426/609 426/609S 426/648 426/648S 514/78 514/78S 554/8

JP F-Term: 2B150 2B150/AA01 2B150/AA02 2B150/AA03 2B150/AA08 2B150/AB01 2B150/AB04 2B150/AE10 2B150/AE26

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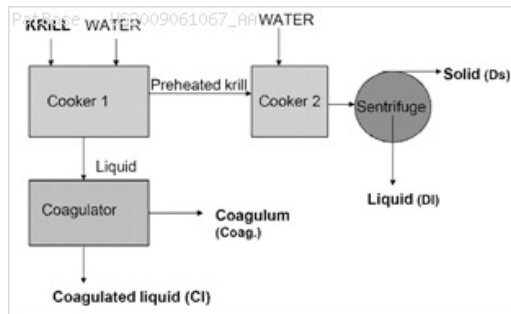
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A23K20/137 A23K20/158 A23L1/30/A A23L1/311 A23L1/33/B A23L13/10 A23L17/40/B A23L33/115 C11B11/00 A23J1/04

A23K10/22 A23K20/142 A23K20/147 A23K20/168 A23L33/10 A61K31/122 A61K31/201 A61K35/56 A61K35/612 A61K37/02

A61K37/22 A61K38/00 A61K38/02 A61K9/16 A61P19/02 A61P25/28 A61P39/06 A61P9/10 A23K1/16/301/C A23K20/26



Family:

Publication number	Publication date	Application number	Application date
AU2008291978 AA	20090305	AU20080291978	20080829
AU2008291978 BB	20120809	AU20080291978	20080829
AU2012244229 AA	20121122	AU20120244229	20121030
AU2012244229 BB	20131121	AU20120244229	20121030
AU2013202260 AA	20130502	AU20130202260	20130402
AU2014100741 AD	20140724	AU20140100741	20140627
AU2014100741 BD	20140911	AU20140100741	20140627
AU2014256341 AA	20141120	AU20140256341	20141029
AU2014256341 BB	20160414	AU20140256341	20141029
AU2014256341 CA	20170824	AU20140256341	20141029
BRPI0815820 A2	20141007	BR2008PI15820	20080829
CA2697730 AA	20100224	CA20082697730	20080829
CA2697730 C	20140408	CA20082697730	20080829
CA2839075 AA	20090305	CA20082839075	20080829
CN101827529 A	20100908	CN200880112125	20080829
CN101827529 B	20140115	CN200880112125	20080829
CN103815114 A	20140528	CN201410024848	20080829
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EP2190298 B1	20150701	EP20080788481	20080829
EP2732709 A1	20140521	EP20140154671	20080829
HK1198102 A1	20150313	HK20140111667	20141119
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JP2010537627 T2	20101209	JP20100522444T	20080829
JP2012087132 A2	20120510	JP20110253673	20111121
JP2015038141 A2	20150226	JP20140217988	20141027
JP5129333 B2	20130130	JP20100522444T	20080829
JP5639990 B2	20141210	JP20110253673	20111121
KR101192880 B1	20121018	KR20107006897	20080829
KR101343290 B1	20131218	KR20127008872	20080829
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KR20120089282 A	20120809	KR20127008872	20080829
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RU2010111784 A	20111010	RU20100111784	20080829
RU2460309 C2	20120910	RU20100111784	20080829
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US2010226977 AA	20100909	US20100711553	20100224
US2014107072 AA	20140417	US20130136848	20131220
US2015050403 AA	20150219	US20140490204	20140918
WO09027692 A2	20090305	WO2008GB02934	20080829
WO09027692 A3	20090514	WO2008GB02934	20080829

WO10097701 A1	20100902	WO2010IB00512	20100225
ZA201001256 A	20110831	ZA20100001256	20100222

Priority:

US20070968765P	20070829	US20070968795P	20070829	AU20080291978	20080829
JP20100522444	20080829	NZ20080583520	20080829	CA20082839075	20080829
CA20082697730	20080829	EP20080788481	20080829	JP20110253673	20080829
JP20100522444T	20080829	US20080201325	20080829	WO2008GB02934	20080829
US20090155767P	20090226	US20100711553	20100224	AU20120244229	20121030
AU20130202260	20121030	AU20130202260	20130402	US20130136848	20131220
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AU20140256341	20141029				

Probable Assignee: AKER ASA

Assignee(s): (std): AKER ASA ; AKER BIOMARINE ANTARCTIC AS ; AKER BIOMARINE AS ; AKER BIOMARINE ASA ; OEISTEIN HOESTMARK ; SNORRE TILSETH ; GOLDING LOUISE ; TILSETH SNORRE

Assignee(s): HOSTMARK OISTEIN ; AKER BIOMARINE SA ; OISTEIN HOESTMARK

Inventor(s): (std): HSTMARK ISTEIN ; SNORRE TIL SETKH ; EHISTEIN KHESTMARK ; OISTEIN HOSTMARK ; TILSETH SNORRE ; HOSTMARK OISTEIN ; HOESTMARK OEISTEIN ; OEISTEIN HOESTMARK ; SNORRE TILSETH ; OSLASH ISTEIN H OSLASH STMARK

Inventor(s): OE ISTEIN HOE STMARK ; ISTEIN HSTMARK ; OISTEIN HOESTMARK ; ISTEIN H STMARK ; SNORRE TIL'SETKH

Agent(s): SPRUSON AND FERGUSON; PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; DE BRESSER SARA JEAN; DEACONS; KAWAMOTO KAZUYA; SHIMIZU HATSUSHI; OSAKABE SUGURU; CASIMIR JONES SC; GOLDING LOUISE 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 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 HW 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 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

32) Family number: 44231612 (US2010009039A)

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Title: BEVERAGES WITH ENHANCED FLAVORS AND AROMAS AND METHOD OF MAKING SAME

Abstract: The present embodiments generally relate to beverages with enhanced flavors and aromas and method of making same. Some embodiments of the present disclosure are directed to soluble coffee and methods of making soluble coffee with improvements in such qualities as taste and aroma.

Classifications:

International (ipc 8-9): A01J11/06 A23C A23C1/00 A23C1/01 A23C1/04 A23C1/08 A23C1/14 A23C1/16 A23C23/00 A23C3/00 A23C3/02 A23C7/04 A23C9/00 A23C9/12 A23C9/14 A23C9/142 A23C9/15 A23C9/152 A23C9/156 A23C9/16 A23C9/18 A23F A23F3/16 A23F3/40 A23F5/00 A23F5/02 A23F5/08 A23F5/10 A23F5/14 A23F5/18 A23F5/24 A23F5/28 A23F5/34 A23F5/36 A23F5/38 A23F5/40 A23F5/46 A23F5/48 A23F5/50 A23G1/00 A23G1/30 A23L1/22 A23L1/30 A23L1/302 A23L1/308 A23L2/00 A23L2/38 A23L2/40 A23L2/54 A23P1/04 A47J31/44 B01J19/14 C11B5/00 (Advanced/Invention); A23F5/40 A23F5/46 (Advanced/Non-invention); A23F5/00 A23F5/24 A23F5/46 A23G1/00 A23L1/302 C11B5/00 (Core/Invention); A23F5/24 (Core/Non-invention); A23F (Subclass/Invention)

International (ipc 1-7): A23F5/40 A23F5/46

CPC: A23C9/142 A23C9/15 A23C9/1544 A23C9/156 A23F5/243 A23F5/30 A23C9/1307 A23C2210/30 A23C2260/20 A23C9/14 A23F5/26 A23C9/1422 A23C1/00 A23F3/30 A23F5/405 A23G1/46 A23G1/56 A23L33/10 A23L33/19 A23P30/40 A23C1/08 A23C3/00 A23F5/46 A23F5/02 A23F5/14 A23F5/18 A23F5/32 A23F5/40 A23F5/36

European: A23C1/00 A23C1/08 A23C3/00 A23C9/13B A23C9/14 A23C9/142 A23C9/142B A23C9/15 A23C9/154D A23C9/156 A23F5/24B A23F5/26 A23F5/30 A23F5/40B A23F5/46 A23F5/46S A23F5/50 A23L1/00P16 A23L1/30 A23L1/305D K23C210/30 K23C260/20

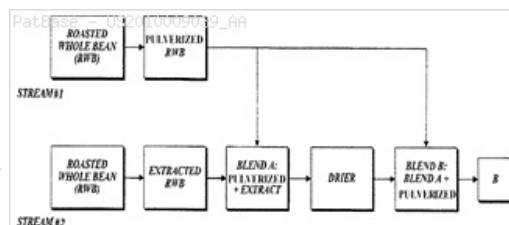
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JP F-Term: 4B027/4B027/FB22 4B027/FC01 4B027/FC02 4B027/FQ04 4B027/FQ06 4B027/FQ09 4B027/FQ11 4B027/FQ12 4B027/FQ17 4B027/FB21 4B027/FB24 4B027/FK02 4B027/FK06 4B027/FK08 4B027/FK10 4B027/FK20 4B027/FQ03 4B027/FQ19 4B027/FR06 4B027/FB28 4B001 4B001/BC01 4B001/BC08 4B001/BC99 4B001/EC01 4B027/FK18 4B001/BC04 4B001/BC07 4B001/DC01 4B001/EC09 4B001/EC99 4B014 4B014/GB05 4B014/GE05 4B014/GG06 4B014/GG11 4B014/GK05 4B014/GP04 4B014/GP12 4B014/GP23 4B027/FB11 4B027/FC10 4B027/FE03 4B027/FK09 4B027/FP76 4B027/FQ13

JP F-Index: A23F5/36 A23F5/08 A23F5/10 A23F5/24 A23C1/00 A23C9/152 A23C1/08 A23C1/16 A23C9/156 A23C9/16 A23F3/16 A23G1/00 A23G1/46 A23G1/48 A23G1/52 A23F5/28 A23F5/40

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Publication number	Publication date	Application number	Application date
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AR084533 AA	20130522	AR2011P104875	20111222
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Priority:

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JP20160020861	20160205	AU20170202890	20170501	US20180192317	20181115

Probable Assignee: STARBUCKS CORP

Assignee(s): (std): CORP D B A STARBUCKS COFFEE CO STARBUCKS ; CRUZ J MARCIO DA ; DA CRUZ J MARCIO ; STARBUCKS CORP D B A STARBUCKS ; STARBUCKS CORP D ; STARBUCKS CORP D B A STARBUCKS COFFEE CO ; STARBUCKS CORP ; ROBINSON URANO A ; STARBAKS CORP DI BI EHJ STARBAKS KOFE KOMPANI ; STARBUCKS CORP D B A STARBUCKS COFFE CO ; STARBAKS KORPOREJSHN DI BI EJ STARBAKS KOFE KOMPANI ; STARBUCKS CORP DBA STARBUCKS C ; STARBUCKS D B A STARBUCKS

COFFEE CO CORP ; STARBUCKS CORP D B A STARBUCKS COFFEE COMPAY ; VU DIEN VAN ; STARBUCKS CORP D B A STARBUCKS COFFEE COMPA ; STARBUCKS CORP DBA STARBUCKS COFFEE CO

Assignee(s): STARBUCKS D B A STARBUCKS COFFEE COMPA CORP ; STARBUCKS D B A STARBUCKS COFFEE CO CORP2401 UTAH AVENUE SOUTHSEATTLEWA98134-1435US ; STARBUCKS D B A STARBUCKS COFFEE CO CORP2401 UTAH AVENUE SOUTHSEATTLEWA98131-1067US ; STARBUCKS D B A STARBUCKS COFFEE CO CORP ; STARBUCKS DBA STARBUCKS COFFEE COMPANY CORP ; STARBUCKS D B A STARBUCKS COFFEE COMPANYUS CORP ; STARBUCKS D B A STARBUCKS COFFEE COMPAY CORP ; STARBUCKS D CORP ; STARBUCKS D B A STARBUCKS COFFEE COMANY CORP ; STARBUCKS DBA STARBUCKS COFFEE CO CORP ; STARBUCKS COFFEE CO ; STARBUCKS COFFEE CO CORP ; STARBAKS KORPOREJSHN DI BI EHJ STARBAKS KOFE KOMPANI ; DA CRUZ JMARCIO ; DA CRUZ MARCIO J ; D B A STARBUCKS COFFEE CO STARBUCKS CORP

Inventor(s): (std): DA CRUZ MARCIO J ; ROBINSON URANO A ; MARCIO DA CRUZ J ; VAN VU DIEN ; URANO ROBINSON ; MARCIO DA CRUZ ; DIEN VAN VU ; J MARCIO DA CRUZ ; DA CRUZ MARCIO ; ROBINSON URANO ; DA CRUZ J MARCIO ; ROBINSON YURANO A ; DA KURTZ MARCIO J ; DA CRUZ MARIO J ; ROBINSON JURANO A ; DA KRUS MARSIO DZH ; VU DIEN VAN ; CRUZ MARCIO J DA ; MARCIO J DA CRUZ ; URANO A ROBINSON ; CRUZ J MARCIO DA

Inventor(s): ROBINSON URANO AUS ; VU DIEN ; DA CRUZ J ; URANO A ; MARCIO DA CRUZJ ; ROBINSON URANO A ; DA CRUZ JMARCIO ; DA CRUZ J MARCIOUS

Agent(s): MALLESONS STEPHEN JAKUES; KING AND WOOD MALLESONS; MINTER ELLISON; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; PORZIO; PORZIO RIOS Y ASOCIADOS; ALICIA LLOREDA RICAURTE; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER; CLT PATENT AND TRADEMARK HK LTD; CHINA PATENT AGENT HK LTD; HONG KONG PATENT AND TRADEMARK AGENT LTD; NISHIURA TSUGUHARU; OOO YURIDICHESKAYA GORODISSKIJ I PARTNERY FA; DONALDSON AND BURKINSHAW; KNOBBE MARTENS OLSON AND BEAR LLP; SEELIG MELANIE; ANDERSON MARIA CULIC

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

33) Family number: 1368619 (GB2034576A)

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Title: PROCESS FOR AROMATIZING FOOD SUBSTRATES

Abstract: Dry water-soluble particles obtained by drying aqueous solutions of vegetable materials and having a microporous structure wherein the most probable pore radius is less than 150 ANGSTROM. are contacted with aromatic volatiles in order to adsorb aromas. The resulting aromatized particles are combined at a low level and packaged with food substrates such as soluble powders or roasted vegetable material. The packaged product will upon initial opening and subsequent in-use openings provide a readily apparent and stable headspace aroma. Suitable microporous particles may be made by spraying an aqueous extract into liquid nitrogen or anhydrous ethanol. The invention is exemplified by instant tea and coffee, and powdered fruit juices.

Classifications:

International (IPC 8-9): A23F3/30 A23F5/32 A23F5/36 A23F5/44
A23F5/46 A23F5/48 A23L1/22 A23L2/64 A23L27/00 (Advanced/Invention);
A23F5/46 (Advanced/Non-invention);
A23F3/00 A23F5/00 A23F5/24 A23F5/46 A23L1/22
A23L2/52 (Core/Invention);
A23F (Subclass/Invention)
International (IPC 1-7): A23F1/00 A23F1/04 A23F3/00 A23F3/40
A23F5/00 A23F5/36 A23F5/44 A23F5/46 A23L1/22 A23L1/221 A23L1/234
A23L2/00 A23L2/14 A23L2/26 A23L2/38
CPC: A23L27/70 A23L2/64 A23F3/30 A23F5/32 A23F5/36 A23F5/44
A23F5/486
European: A23F3/30 A23F5/32 A23F5/36 A23F5/44 A23F5/48H
A23L1/22B A23L2/64
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JP F-Index: A23F5/46 A23L1/22/Z A23L27/00/Z

PatBase - CA1142018_A1

SUBSTITUTE

REPLACEMENT

SECTION is not Present

Cette Section est Absente

Family:

Publication number	Publication date	Application number	Application date
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US19780950337 19781010 CA19790336192 19790924 NO19790003081 19790925

Probable Assignee: GEN FOODS CORP

Assignee(s): (std): GEN FOODS CORP

Assignee(s): GENERAL FOODS CORP ; GENERAL FOODS CORP WHITE PLAINS N Y US ; GENERAL FOODS TE WHITE PLAINS NEW YORK VER ST V AM CORP ; HUDAK STEPHEN F ; SALEEB FOUAD Z

Inventor(s): (std): FUOUADO ZAKI SARIIBU ; HUDAK S ; HUDAK S F ; HUDAK STEPHEN ; HUDAK STEPHEN F ; HUDAK STEPHEN FRANCIS ; SALEEB F ; SALEEB F Z ; SALEEB FOUAD Z ; SALEEB FOUAD ZAKI ; SUCHIIBUN FURANSHISU FUDATSUKU

Inventor(s): ZAKI SALEEB FOUAD ; STEPHEN FRANCIS HUDAK ET FOUAD ZAKI SALEEB ; SF HUDAK ; FZ SALEEB ; F Z SALEEB ; FOUAD ZAKI SALEEB ; FRANCIS HUDAK STEPHEN ; SALEEB FOUAD ZAKI PLEASANTVILLE N Y ; SALEEB FOUAD ZAKI PLEASANTVILLE N Y US ; SALEEB FOUAD ZAKI PLEASANTVILLE NY ; STEPHEN FRANCIS HUDAK ; HUDAK STEPHEN FRANCIS CROTON ON HUDSON N Y ; HUDAK STEPHEN FRANCIS CROTON ON HUDSON N Y US ; HUDAK STEPHEN FRANCIS CROTON ON HUDSON NY ; S F HUDAK

Agent(s): GRIFFITH HASSEL AND FRAZER; MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP

34) Family number: 15320627 (W00133980A1)

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Title: INTRODUCTION OF ADDITIVES INTO FREEZE DRIED PRODUCTS

Abstract: The method includes the steps of lyophilizing a previously frozen product, e.g. a frozen food product, and reconstituting or rehydrating the product in the presence of a liquid solution of the desired additive that is taken into the product by capillary action. The porous cellular structure created by the freezing and lyophilization process provides a structure into which liquid is readily introduced by capillary pressure, which eliminates the need for introducing the liquid along an osmotic gradient. The lyophilization has also been found to permit introduction of liquids into dense food products, such as carrots and other vegetables that were previously not well suited to infusion treatment.

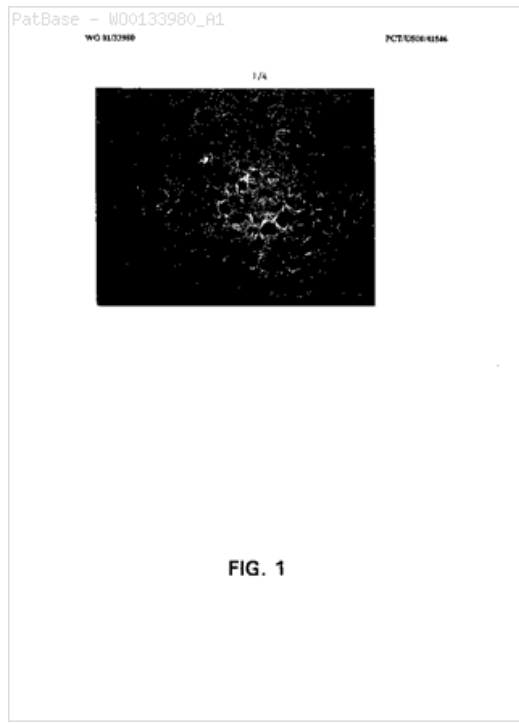
Classifications:

International (IPC 8-9): A23L3/42 A23L3/44 (Advanced/Invention); A23L3/40 (Core/Invention)

International (IPC 1-7): A23B4/037 A23B7/024 A23L3/44

CPC: A23L3/42 A23L3/44

European: A23L3/42 A23L3/44



Family:

Publication number	Publication date	Application number	Application date
AU200126174 A1	20010606	AU20010026174	20001024
AU200126174 A5	20010606	AU20010026174D	20001024
WO0133980 A1	20010517	WO2000US41546	20001024

Priority:

US19990161321P 19991025 WO2000US41546 20001024

Probable Assignee: OREGON FREEZE DRY INC

Assignee(s): (std): HOOK JAMES L ; JAGER NORMAN E ; OREGON FREEZE DRY INC ; PEBLEY WALTER S

Inventor(s): (std): PEBLEY WALTER S ; JAGER NORMAN E ; HOOK JAMES L

Inventor(s): JAMES L HOOK ; WALTER S PEBLEY ; NORMAN E JAGER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN 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 NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

35) Family number: 32098637 (US2005163880A)

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Title: METHOD OF PREPARING KAKADU PLUM POWDER

Abstract: A process for producing a kakadu plum powder having an increased amount of naturally occurring ascorbic acid and high ORAC value. The process of preparing the extract includes the following: disintegrating kakadu plum fruit; treating the disintegrated kakadu plum material with enzymes to at least partially digest the material; juicing the kakadu plum material and drying the juice to produce a powder. In a preferred embodiment, the kakadu plum juice is further clarified with ultrafiltration and concentrated by performing reverse osmosis on the kakadu plum juice. The resultant kakadu plum powder has a natural ascorbic acid content of at least about 15 percent and a naturally occurring Oxygen Reduction Absorption Capacity value of at least 1500.

Classifications:

International (IPC 8-9): A23L1/212 A23L1/30 A23L1/302 A23L1/303 A61K36/00 A61K65/00 C12P1/00 (Advanced/Invention);

A23L1/212 A23L1/30 A23L1/302 A61K36/00 C12P1/00 (Core/Invention)

International (IPC 1-7): A23L1/212 A23L1/30 A23L1/303 A61K35/78 C12P1/00

CPC: A23L33/15 A23L19/01 A23L33/105 A23V2002/00

European: A23L1/212B A23L1/302 A23L1/30B K23V2/00

US: 424/725 424/777 424/777P 435/41 435/41S

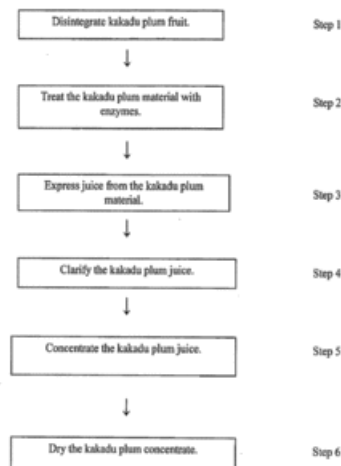


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
US2005163880 AA	20050728	US20040767934	20040128
US7175862 BB	20070213	US20040767934	20040128
WO05072537 A1	20050811	WO20051B50369	20050127

Priority:

US20040767934 20040128

Probable Assignee: ACCESS BUSINESS GROUP INT LLC**Assignee(s):** (std): COGNIS AUSTRALIA PTY LTD ; PUSATERI DONALD J ; MENON GOPI R ; VERGEL DE DIOS LUIS I ; SCHLIPALIUS LANCE E ; ACCESS BUSINESS GROUP INT LLC**Assignee(s):** ACCESS BUSINESS GROUP INTERNATIONAL LLC ; ACCESS BUSINESS GROUP INT**Inventor(s):** (std): MENON GOPI R ; PUSATERI DONALD J ; SCHLIPALIUS LANCE E ; VERGEL DE DIOS LUIS I**Inventor(s):** MENON GOPI ; VERGEL DE DIOS LUIS ; SCHLIPALIUS LANCE ; PUSATERI DONALD**Agent(s):** WARNER NORCROSS AND JUDD IN RE ALTICOR INC ; WARNER NORCROSS AND JUDD LLP**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**36) Family number: 45027640 (US2012052151A)**

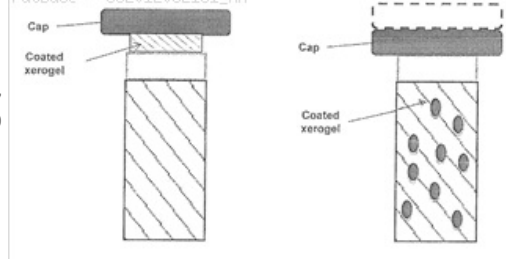
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Title: METHODS AND COMPOSITIONS FOR WEIGHT MANAGEMENT AND FOR IMPROVING GLYCEMIC CONTROL**Abstract:** The present invention provides methods, compositions and modified foods and foodstuffs useful for weight management and glycemic control.**Classifications:**

International (IPC 8-9): A21D A21D13/00 A21D13/062 A21D13/08 A21D13/80 A21D2/08 A21D2/14 A21D2/18 A23C9/13 A23C9/152 A23G A23G3/34 A23G3/42 A23G9/32 A23G9/34 A23K1/16 A23K10/00 A23K10/30 A23K10/35 A23K20/00 A23K20/163 A23K50/40 A23L A23L1/00 A23L1/03 A23L1/05 A23L1/0534 A23L1/10 A23L1/16 A23L1/187 A23L1/29 A23L1/30 A23L1/307 A23L1/308 A23L1/39 A23L13/00 A23L2/00 A23L2/39 A23L2/52 A23L2/68 A23L23/00 A23L29/00 A23L29/20 A23L29/262 A23L29/288 A23L33/00 A23L33/10 A23L33/20 A23L33/21 A23L33/24 A23L5/00 A23L7/10 A23L7/109 A23L7/117 A23L7/122 A23L7/126 A23L7/135 A23L9/00 A61K31/717 A61K31/74 A61K47/34 A61K47/38 A61K9/00 A61K9/06 A61K9/20 A61K9/28 A61K9/48 A61L27/00 A61P1/04 A61P3/00 A61P3/04 A61P3/08 A61P3/10 A61P9/00 C08B C08B13/00 C08B15/00 C08J3/075 C08J3/24 C08K5/092 C08L C08L1/28 C08L1/32 (Advanced/Invention); A23L1/03 A23L1/05 A61K47/38 (Advanced/Non-invention); A23L1/03 A23L1/05 (Core/Invention); A21D A23G A23L C08B C08L (Subclass/Invention)

International (IPC 1-7): A23L1/03 A23L1/05

CPC: A23L29/20 A23L29/00 A23V2200/244 A23V2200/32 A23V2200/326 A23V2200/328 A23V2200/332 A23V2250/032 A23V2250/51082 A23L2/52 A21D2/145 A21D2/18 A21D2/188 A21D13/80 A23G9/34 A23L2/68 A23L7/10 A23L7/109 A23L7/122 A23L7/126 A23L29/288 A23L33/24 A23L33/30 A23V2200/00 A61K47/38 C08B13/00 C08B15/005 C08J3/075 C08J2301/02



JP F-Index: A23K1/16/303/D A23K10/30 A23K20/158 A23K20/163 A23K50/42 A23K50/45 A23L1/00/C A23L1/03 A23L1/10/Z A23L1/30/Z A23L1/308 A23L2/00/F A23L2/60 A23L2/62 A23L2/68 A23L29/00 A23L29/20 A23L29/231 A23L29/262 A23L33/12 A23L33/24 A23L5/00/C A23L7/10/F A61K31/717 A61P3/04 A61P3/08 A23K1/00/Z A23K1/18/A A23K10/00 A23K50/00 A23K50/48 A23L1/04 A23L33/10 A61P1/04 A61P3/00 A61P3/10 A61P9/00 A21D13/062 A21D2/18 A23C9/13 A23C9/152 A23G3/34/102 A23G3/42 A23G9/34 A23K10/35 A23K13/00/Z A23L2/00/G A23L2/52 A23L2/300 A23L7/10/H A23L7/109/A A23L7/126 A23L7/135 A61K47/34 A61K47/38 A61K9/06 A61K9/20 A61K9/28 A61K9/48

Publication number	Publication date	Application number	Application date
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AU2009316622 BB	20140904	AU20090316622	20091118
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BRPI0921577 B1	20180130	BR2009PI21577	20091118
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US20110106909	20110513	AU20140271268	20141203	JP20150215448	20151102
US20180942655	20180402	JP20180184072	20180928		

Inventor(s): DIMITRI CHRISTIAN

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; SPRUSON AND FERGUSON; CULLENS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; CHAPMAN PAUL WILLIAM; COLES ANDREA BIRGIT; ISERN JORGE; RUBY YEUNG AND CO; CHAN TANG AND KWOK; HARLAN EDGAR W 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 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 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

37) Family number: 30316656 (US2004037909A)

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Title: COMPOSITION COMPRISING THE EXTRACT OF ACTINIDIA ARGUTA AND RELATED SPECIES FOR THE PREVENTION AND TREATMENT OF ALLERGIC DISEASE AND NON-ALLERGIC INFLAMMATORY DISEASE

Abstract: The present invention provides a pharmaceutical composition comprising the extract of hardy kiwifruit as an active ingredient in an effective amount to treat and prevent allergic disease and non-allergic inflammatory disease by reducing inflammation action, by inhibiting histamine release from mast cell, and by increasing the level of Th1 cytokines, IgG2a in serum and reducing the level of Th2 cytokines and IgE in serum. The present invention also provides a use of above extract for the preparation of pharmaceutical composition. The present invention also provides a health food or food additives, a cosmetic composition, a feed or feed additives comprising above extract for prevention or alleviation of allergic disease and non-allergic inflammatory disease by reducing inflammation action, by inhibiting histamine release from mast cell, and by increasing the level of Th1 cytokines, IgG2a in serum, and reducing the level of Th2 cytokines and IgE in serum.

Classifications:

International (IPC 8-9): A01N65/00 A23K1/16 A23K1/18 A23L1/30 A23L2/52 A61K A61K31/047 A61K31/10 A61K31/12 A61K31/19 A61K31/198 A61K31/202 A61K31/22 A61K31/352 A61K31/353 A61K31/409 A61K31/522 A61K31/56 A61K31/573 A61K35/74 A61K35/78 A61K36/00 A61K36/18 A61K36/185 A61K36/25 A61K36/258 A61K36/45 A61K36/53 A61K36/87 A61K36/906 A61K38/00 A61K39/00 A61K39/395 A61K45/00 A61K47/26 A61K47/36 A61K47/38 A61K8/00 A61K8/96 A61K8/97 A61K9/00 A61K9/06 A61K9/08 A61K9/10 A61K9/14 A61K9/16 A61K9/20 A61K9/46 A61K9/48 A61P A61P1/04 A61P1/16 A61P1/18 A61P11/02 A61P11/06 A61P13/12 A61P17/00 A61P17/04 A61P17/14 A61P27/02 A61P27/14 A61P27/16 A61P29/00 A61P31/12 A61P35/00 A61P37/00 A61P37/02 A61P37/08 A61P43/00 A61Q1/02 A61Q19/00 A61Q19/10 A61Q5/02 A61Q7/00 (Advanced/Invention); A23L1/30 A61K36/87 A61K8/97 A61P27/14 A61Q19/00 (Advanced/Non-invention); A23L1/30 A61K31/045 A61K31/095 A61K31/12 A61K31/185 A61K31/21 A61K31/352 A61K31/409 A61K31/519 A61K31/56 A61K35/66 A61K36/00 A61K36/18 A61K36/185 A61K36/88 A61K38/00 A61K39/00 A61K39/395 A61K45/00 A61K8/96 A61K9/00 A61K9/14 A61K9/46 A61P11/00 A61P17/00 A61P27/00 A61P29/00 A61P31/00 A61P35/00 A61P37/00 A61P43/00 A61Q1/02 A61Q19/10 A61Q5/02 (Core/Invention); A61K A61P (Subclass/Invention)

International (IPC 1-7): A23L1/30 A61K35/78 A61K36/00 A61K7/48 A61K9/06 A61P29/00 A61P37/08

CPC: A61K31/56 A61K39/35 A61K39/39 A23V2002/00 A61K36/185 A23V2250/70 A23V2250/21 A23V2250/72 A23V2250/7056 A23V2250/705 A23V2250/156 A23V2250/032 A23V2250/28 A23V2250/0644 A23L33/105 A23V2200/304

European: A23L1/30B A61K31/56 A61K35/78 A61K36/185 A61K39/35 A61K39/39 K23V2/00

US: 1/1 424/130.1 424/130.100P 424/184.1 424/184.100S 424/442 424/442P 424/466 424/466S 424/489 424/489S 424/728 424/728S 424/745 424/745S 424/756 424/756S 424/769 424/769P 424/773 424/773S 424/774 424/774S 424/775 424/775S 424/777 424/777P 424/777S

JP F-Term: 2B150 2B150/AB10 2B150/AE36 2B150/BC06 2B150/CE25

2B150/DC14 2B150/DC16 2B150/DD45 2B150/DD57 4B018 4B018/LB01 4B018/LB02 4B018/LB03 4B018/LB05 4B018/LB06 4B018/LB07 4B018/LB08 4B018/LB09 4B018/MD15 4B018/MD21 4B018/MD27 4B018/MD28 4B018/MD30 4B018/MD32 4B018/MD52 4B018/ME07 4B018/MF01 4C076 4C076/AA11 4C076/AA22 4C076/AA29 4C076/AA31 4C076/AA36 4C076/AA53 4C076/BB01 4C076/BB11 4C076/CC03 4C076/CC04 4C076/CC10 4C076/DD24 4C076/DD28 4C076/DD37 4C076/DD41 4C076/DD45 4C076/FF01 4C076/FF11 4C083 4C083/AA11 4C083/AC02 4C083/AC07 4C083/AC10 4C083/AC12 4C083/AC30 4C083/AC40 4C083/AC42 4C083/AC66 4C083/AD04 4C083/AD11 4C083/AD28 4C083/AD33 4C083/AD35 4C083/AD43 4C083/AD57 4C083/AD64 4C083/CC04 4C083/CC05 4C083/CC22 4C083/CC24 4C083/CC33 4C083/CC38 4C083/CC39 4C083/DD23 4C083/DD31 4C083/EE12 4C088 4C088/AB12 4C088/AC04 4C088/AC05 4C088/AC11 4C088/BA08 4C088/BA10 4C088/CA06 4C088/MA16 4C088/MA23 4C088/MA35 4C088/MA41 4C088/MA43 4C088/MA52 4C088/MA66 4C088/NA14 4C088/ZA33 4C088/ZA59 4C088/ZA66 4C088/ZA75 4C088/ZA81 4C088/ZA89 4C088/ZB11 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Probable Assignee: VIROMED CO LTD

Assignee(s): (std): EFFICAS INC PANGENOMICS CO LTD ; JIN MI RIM ; JUNG HYUNG JIN ; JEON HYANG ; JIN MIRIM ; FOGG JOHNSON NANCY E ; HELIXIR CO LTD ; FOGG JOHNSON NANCY ELLEN ; EFFICAS MEDICAL FOODS AND NUTRITION LLC ; IFFIKAS INK ; HELELIXIR CO LTD ; KIM BONG CHEOL ; PARK EUN JIN ; SHIN SUNG SEUP ; OH JIN HWAN ; LEE HWA JUN ; KIM SUN YOUNG ; PANGENOMICS CO LTD ; KIM BONGCHEOL ; KIM SUNYOUNG ; LINDEMANN JULIANNE ; STAGNITTI GEORGE E ; PARK EUN J ; LEE HWA J ; BELOFSKY GIL ; BRAMAN MARK A ; CRONIN PATTI ; DRIVER ROBERT H ; EFFICAS INC ; KHELIKSIR KO LTD ; LINDEMANN JULIE ; STULL DEAN P ; PANDZHENOMIKS KO LTD ; VIROMED CO LTD

Assignee(s): PANDZHENOMIKS KO ; VIROMED CO ; PANGENOMICS CO LTD 304 BIOTECHNOLOGY INCUBATING CENTER SEOUL ; PANGENOMICS CO ; PAGNENOMICS CO LTD ; EFFICAS INC PANGENOMICS CO ; KHELIKSIR KO ; HELELIXIR CO ; HYANG JEON ; HELIXIR CO

Inventor(s): (std): KIM BONG CHEOL ; JIN MI RIM ; PARK EUN JIN ; JUNG HYUNG JIN ; SHIN SUNG SEUP ; OH JIN HWAN ; LEE HWA JUN ; KIM SUN YOUNG ; JEON HYANG ; KIM BONGCHEOL ; JIN MIRIM ; KIM SUNYOUNG ; BONGCHEOL KIM ; MIRIM JIN ; EUN JIN PARK ; HYUNG JIN JUNG ; SUNG SEUP SHIN ; JIN HWAN OH ; HWA LEE JUN ; SUNYOUNG KIM ; HYANG JEON ; SHIN SEONG SEOP ; JUNG HYEONG JIN ; JUN HYANG ; KIM SEON YEONG ; PARK EUN J ; LEE HWA J ; HWA JUN LEE ; KIM BONGCHEOL JIM MIRIM PARK E ; O DZHIN KHVAN ; PARK EHN DZHIN ; KIM SAN UN ; LI KHVA DZHUN ; DZHUN KH JUN DZHIN ; SHIN SAN SEHP ; DZHEON KH JAN ; DZHIN MIRIM ; FOGG JOHNSON NANCY E ; BRAMAN MARK A ; DRIVER ROBERT H ; STAGNITTI GEORGE E ; LINDEMANN JULIANNE ; JULIANNE LINDEMANN ; STULL DEAN P ; FOGG JOHNSON NANCY ELLEN ; CRONIN PATTI ; BELOFSKY GIL ; LINDEMANN JULIE ; LI KHVA DZUN ; SIN SUNG SEUP ; STAGNITTI DZHORDZH I ; PARK EUN DZIN ; DZIN MIRIM ; OKH DZING KHVAN ; DZEON KHIANG ; DZUNG KHIUNG DZIN ; FOGG DZHONSON NEHNSI I ; DRAJVER ROBERT KH ; LINDMANN DZHULIANN ; KIM SUN JANG ; GIL BELOFSKY ; ELLEN FOGG JOHNSON NANCY ; PATTI CRONIN ; JULIE LINDEMANN ; JEONG HYANG ; FOGG JOHNSON NACY E

Inventor(s): NACY E FOGG JOHNSON ; KIM BONGCHEOL JIM MIRIM PARK EUN JIN JUNG... ; DEAN P STULL ; NANCY ELLEN FOGG JOHNSON ; FOGG JOHNSON NANCY E AND ; SIN SUNG-SEUP ; KIM SUN'JANG ; DZUNG KHIUNG-DZIN ; FOGG-DZHONSON NEHNSI I. ; LI KHVA-DZUN ; OKH DZING-KHVAN ; PARK EUN-DZIN ; DZHUN KH'JUN-DZHIN' ; LI KHVA-DZHUN' ; KIM SAN'UN ; O DZHIN-KHVAN' ; SHIN SAN-SEHP ; PARK EHN-DZHIN' ; DZHEON KH'JAN ; LEE HWA ; PARK EUN ; KIM BONGCHEOL JIM MIRIM PARK EUN JIN JUNG HYUNG JIN SHIN SUBG SEUP OH JIN HWAN LEE HWA JUN KIM SUNYOUNG ; JUNG HYUNG JIN SEONGDONG GU ; SHIN SUNG SEUP KANGNAM GU ; LEE HWA JUN YONGIN SI ; JIN MIRIM SONGPA GU ; JEON HYANG KANGNAM GU ; PARK EUN JIN YEONGDEUNGPO GU ; KIM SUNYOUNG POCHON SI ; OH JIN HWAN SUWON SI ; ROBERT H DRIVER ; NANCY E FOGG JOHNSON ; MARK A BRAMAN ; GEORGE E STAGNITTI ; KIN BONGCHEOL

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD ; PIZZEYS PATENT AND TRADE MARK ATTORNEYS ; ALLENS ARTHUR ROBINSON PATENT AND TRADE MARKS ATTORNEYS ; ALLENS PATENT AND TRADE MARK ATTORNEYS ; GOUDREAU GAGE DUBUC ; ZSP PATENTANWAELTE PARTG MBB ; SCHNAPPAUF GEORG ; WRIGHT ANDREW JOHN ; CURELL MIREIA ; WENPING AND CO 1701 TUNG WAI COMMERCIAL BUILDING 111 GLOUCESTER ROAD ; LECOME INTELLECTUAL PROPERTY AGENT LTD ; LIU SHEN AND ASSOCIATES ; WENPING AND CO ; REINHOLD COHN AND PARTNERS ; SHOJI TAKASHI ; SUKENOBU YURIKO ; YAMAZAKI HIROSHI ; TANAKA MITSUO ; TOMITA KENJI ; STERNE KESSLER GOLDSTEIN AND FOX PLLC ; SHERIDAN ROSS PC ; JUDY M ; MCDERMOTT WILL AND EMERY LLP ; SHIN DONG IN ; CONNELL GARY 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 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 YU ZA ZM ZW

38) Family number: 29507668 (US2008010698A)

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Title: EXPANSIN POLYPEPTIDES

Abstract: Transgenic plant cells and plants which have been genetically modified with nucleic acid molecules which encode expansin polypeptides: the disclosed are methods to alter the composition of plant cell walls, and products comprising plant tissue derived from said transgenic plants.

Classifications:

International (IPC 8-9): A01H5/00 A23L1/03 A23L29/00 C07H21/04 C07K14/00 C07K14/415 C12N15/09 C12N15/82 C12N5/04 C12N5/10 C12N9/00 D21B1/02 (Advanced/Invention);

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International (IPC 1-7): C07K14/415 C12N15/82

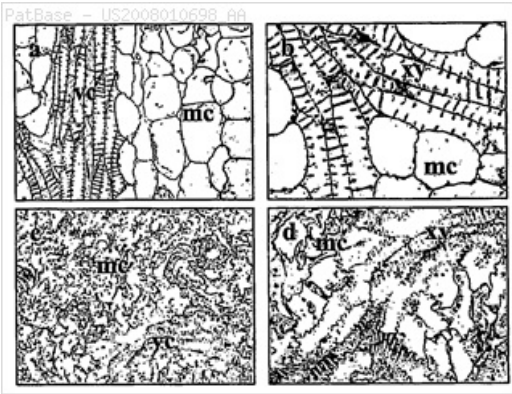
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C12N5/10 C12N9/00 D21B1/02
JP Facet: ZNA



Family:

Publication number	Publication date	Application number	Application date
EP1664310 A2	20060607	EP20040768602	20040923
GB200322317 A0	20031022	GB20030022317	20030924
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US2008010698 AA	20080110	US20040573245	20040923
WO05030965 A2	20050407	WO2004GB04058	20040923
WO05030965 A3	20050811	WO2004GB04058	20040923

Priority:

GB20030022317 20030924 WO2004GB04058 20040923

Probable Assignee: OF YORK UNIV

Assignee(s): (std): JONES LOUISE ; MASON SIMON MCQUEEN ; MCQUEEN MASON SIMON ; UNIV YORK

Assignee(s): UNIVERSITY OF YORK THE ; YORK UNIV ; OF YORK UNIV ; THE UNIVERSITY OF YORK

Inventor(s): (std): JONES LOUISE ; MCQUEEN MASON SIMON ; MASON SIMON MCQUEEN

Agent(s): WOMBLE CARLYLE SANDRIDGE AND RICE PLLC ATTN PATENT DOCKETING 32ND FLOOR

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

39) Family number: 30084724 (CA2267673A)

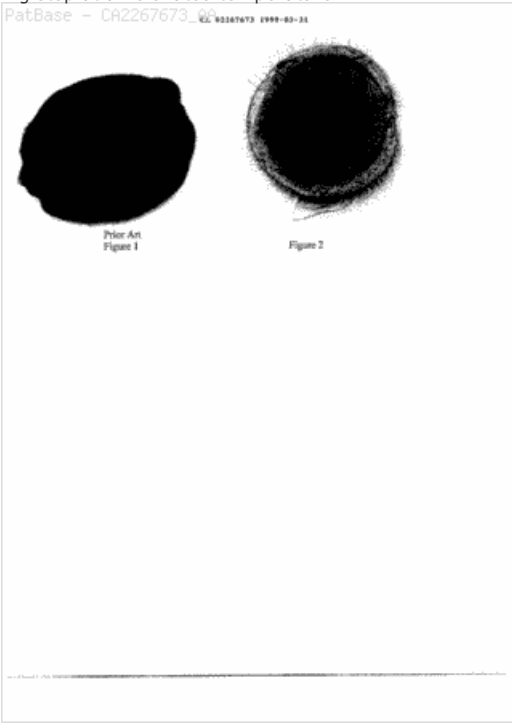
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Title: IMPROVEMENTS IN AND RELATING TO THE MANUFACTURE OF DRIED PRODUCTS

Abstract: The present invention is directed to methods of preserving natural products, preferably in a dried form. Preferred embodiments retain one or more subjective characteristics (such as taste, colour, or olfactory properties) in the final product which may be in a variety of forms including sliced whole pieces, fragments derived therefrom, or tableted forms. Preferred embodiments freeze the raw components prior to comminution processes, and avoid subjecting the components to elevated temperatures throughout processing, apart from an optional final short drying step at an elevated temperature.

Classifications:

International (IPC 8-9): A23B4/037 A23B7/024 A23L1/317 A23L13/60 A23L3/40 A23L3/44 A61K35/32 A61K35/48 A61K36/00 (Advanced/Invention); A23B4/03 A23B7/02 A23L1/317 A61K35/32 A61K35/48 (Core/Invention)
International (IPC 1-7): A23B4/037 A23B7/024 A23L1/317 A61K35/32 A61K35/48 A61K35/78



Family:

Publication number	Publication date	Application number	Application date
CA2267673 AA	20000607	CA19992267673	19990331

Priority:

NZ19980333209 19981207 CA19992267673 19990331

Probable Assignee: BALLANTYNE ANTHONY**Assignee(s):** (std): BALLANTYNE ANTHONY**Assignee(s):** BALLANTYNE ANTHONY66 MACDONALD ROADHAMILTONNZ**Inventor(s):** (std): BALLANTYNE ANTHONY**Inventor(s):** BALLANTYNE ANTHONY66 MACDONALD ROADHAMILTONNZ**Agent(s):** EDWARDS ANTONY C**40) Family number: 41930773** (US2010112242A)

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Title: PROCESSING BIOMASS

Abstract: Biomass (e.g., plant biomass, animal biomass, and municipal waste biomass) is processed to produce useful products, such as fuels. For example, systems are described that can use feedstock materials, such as cellulosic and/or lignocellulosic materials, to produce ethanol and/or butanol, e.g., by fermentation.

Classifications:**International (IPC 8-9):** A23K1/00 A23K1/12 A23K1/14 A23K3/00

B01J19/08 B09B3/00 B09B5/00 B27K5/00 C01B3/32 C02F3/30

C07D307/50 C07H1/00 C08B1/00 C08B16/00 C08H C08H5/04 C08H7/00

C08H8/00 C08J C08J3/12 C08J3/20 C08J3/28 C08J7/12 C08L C08L1/02

C08L1/08 C08L101/16 C08L97/02 C10B53/02 C10G C10G1/00

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C10L C10L1/02 C10L1/04 C10L3/00 C10L5/44 C12M1/00 C12M1/107

C12M1/33 C12N1/10 C12N1/12 C12N9/24 C12P C12P1/00 C12P13/00

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D21C1/10 D21C3/04 D21C5/00 D21H11/08 F01K13/00 F01K13/02 F01K21/00 F01K7/16 F01K9/00 F22B1/00 (Advanced/Invention);

C02F11/04 C08H7/00 C08J3/28 C08L97/02 C12M1/107 C12N13/00 C12N9/00 C12P7/10 C12P7/16 (Advanced/Non-invention);

C08H8/00 C08J3/28 C08L1/00 C08L97/00 C10G1/00 C10G15/00 C10L1/00 C10L5/40 (Core/Invention);

C08H C08J C08L (Subclass/Invention)

International (IPC 1-7): C08H5/04 C08J3/28 C08L1/02 C08L97/02 C10G1/00 C10L1/02 C10L5/44**CPC:** C10G1/00 C12M21/04 C12P7/04 C12P7/16 C12P19/14 C10L1/02 C08L2666/02 C10G3/00 C10G15/00 C10G32/00

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European: C08H8/00 C08L1/02 C08L97/02 C10G1/00 C10G15/00 C10G3/00 C10G32/00 C10G49/12 C10L5/44 C12M1/00

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US: 1/1 122/16.1 162/158 162/192 162/198 162/50 162/50S 166/158 166/192 166/50 203/27 204/157.63 204/157.68 428/22

428/22P 435/105 435/134 435/136 435/139 435/140 435/141 435/142 435/145 435/146 435/155 435/155P 435/155S 435/157

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JP F-Term: 4C090 4C090/AA04 4C090/BA24 4C090/BB12 4C090/BB33 4C090/BB36 4C090/BD23 4C090/BD37 4C090/CA01

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JP F-Index: B09B3/00/A B09B3/00/Z B09B3/00/302/Z B09B3/00/304/Z B09B5/00/Z C02F3/30/Z C08B16/00 C08J3/28

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JP Facet: ZAB**Family:**

Publication number	Publication date	Application number	Application date
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AP4073 A	20170319	AP20090004863	20071026
AU2007333012 AA	20080619	AU20070333012	20071026
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Probable Assignee: XYLECO INC

Assignee(s): (std): GREEK LUCK CORP US ; KSILEKO INK ; KSILKO INK ; MARSHALL MEDOFF ; MEDOFF MARSHALL ; XYLECO INC

Assignee(s): XYLECO INCL-271 SALEM STREETWOBURNMA01801US ; XYLECO INCL - 271 SALEM STREETWOBURNMA01801US ; XYLECO INC271 SALEM STREET, UNIT LWOBURNMA01801US ; GREEK LUCK CORP

Inventor(s): (std): MARSHALL MEDOFF ; MEDOFF MARSHALL ; MEDOFF MARSHAL

Inventor(s): MEDOFF MARSHALLUS ; XYLECO INC ; MEDOFF MARSCHALL

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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 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

41) Family number: 34917787 (US2007172511A)

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Title: FOOD PRODUCTS COMPRISING A SLOWLY DIGESTIBLE OR DIGESTION RESISTANT CARBOHYDRATE COMPOSITION

Abstract: A food product comprises an oligosaccharide composition that is digestion resistant or slowly digestible. The oligosaccharide composition can be produced by a process that comprises producing an aqueous composition that comprises at least one oligosaccharide and at least one monosaccharide by saccharification of starch, membrane filtering the aqueous composition to form a monosaccharide-rich stream and an oligosaccharide-rich stream, and recovering the oligosaccharide-rich stream. Alternatively, the oligosaccharide composition can be produced by a process that comprises heating an aqueous feed composition that comprises at least one monosaccharide or linear saccharide oligomer, and that has a solids concentration of at least about 70 percent by weight, to a temperature of at least about 40 degrees centigrade, and contacting the feed composition with at least one catalyst that accelerates the rate of cleavage or formation of glucosyl bonds for a time sufficient to cause formation of non-linear saccharide oligomers, wherein a product composition is produced that contains a higher concentration of non-linear saccharide oligomers than linear saccharide oligomers.

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Priority:

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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

42) Family number: 30312808 (PL322701A)

PatBase

Title: METHOD OF AND APPARATUS FOR OBTAINING PARTICULATE MATERIALS

Abstract: Source: PL186585B [PL] [Source: Claim 1] 1. Sposob otrzymywania materialow sypkich, zwlaszcza suszu z surowca roslinnego ta- kiego jak owoce i warzywa, umytego, rozdrobnionego i wstepnie przygotowanego, znamien- ny tym, ze ociekniety surowiec, wstepnie osuszony w temperaturze 30 - 70 degrees centigrade do wilgotnosci 10 - 40 percent, poddaje sie przez 1-100 sekund dzialaniu pary wodnej o temperaturze 120 - 250 degrees C i cisnieniu 0,3 - 4 MPa zakonczonemu gwaltownym obnizeniem cisnienia pary wodnej do wartosci cisnienia atmosferycznego, a nastepnie suszy sie w temperaturze 30 - 90 degrees centigrade az do uzyskania wilgotnosci koncowej produktu 2,5 - 10 percent, po czym chlodzi sie do temperatury otoczenia. **Machine translation:** [Source: Claim 1] 1. Way to receive materials powders, especially dried from raw material roslinnego this- the Lord as fruit and vegetables, washed and chopped and wstepnie prepared, znamien- ny, ociekniety raw material, wstepnie dried at a temperature of 30 - 70 degrees centigrade to humidity 10 - 40 percent, shall be by 1-100 seconds troubleshoot steam at 120 - 250 degrees C and cisnieniu 0.3 - 4 MPa zakonczonemu gwaltownym obnizeniem pressure steam to the values of the atmospheric pressure and then dried in a temperature of 30 - 90 degrees centigrade az for humidity the final product 2.5 - 10 percent and cooling to ambient temperature.

Classifications:

International (IPC 8-9): A23B7/02 F26B1/00 (Advanced/Invention);

A23B7/02 F26B1/00 (Core/Invention)

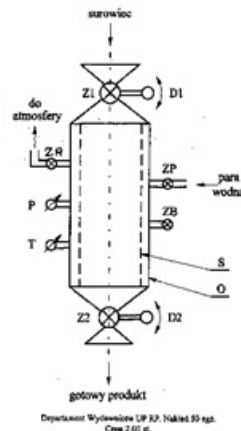
International (IPC 1-7): A23B7/02 F26B1/00

PatBase - PL322701_A1

186 585

wypasno go do obudowy O komory ciepleniowej urzadzenia. Po sprawdzeniu slownia wszystkich zaworow wprawiono pare wodna odfiejajac zawor ZP. Zawor ten byl otwarty tak dlugo az czujnik temperatury T wskazal temperature 180°C, zni czujnik cisnienia P wskazan cisnienie 1,1 MPa. Nastepnie zamknieto zawor ZP i otwarto zawor ZA wypuszczajac pare z urzadzenia do atmosfery. Odfiejajac produkt surowiec z komory odciadowej przez uruchomienie dwigni D1 zaworu Z1 i podlano go surowcu kooczowemu w temperaturze 60°C az do uzyskania wilgotnosci koncowej 8%. Produkt polozono i pakowano. Otrzymany produkt pod wzgledem organoleptycznym nie skladal sie od produktu otrzymwanego w pleniowej wengi otrzymywania surowca.

Odfiejajac przylaczono, w odniesieniu do surowca jaskowego, sposob otrzymywania materialow sypkich oraz wykonanie urzadzenia według wynalazku, znie byl z powodzeniem stosowane do surowca takich substancji jak piasek ornatyczny, smola okrzemkowa, pyl Al₂O₃, polimery, żywice epoksydowe, drobnoziarniste związki organiczne i nieorganiczne. W tym przypadku postępowanie przy otrzymywaniu surowca jest analogiczne do opisanego, jednak nie jest konieczne używanie preparatu według wynalazku.



Family:

Publication number	Publication date	Application number	Application date
PL186585 B1	20040130	PL19970322701	19971020
PL322701 A1	19990426	PL19970322701	19971020

Priority:

PL19970322701 19971020

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Inventor(s): (std): STEFANIAK ADAM ; STEFANIAK ANDRZEJ

43) Family number: 47319836 (US2012237649A)

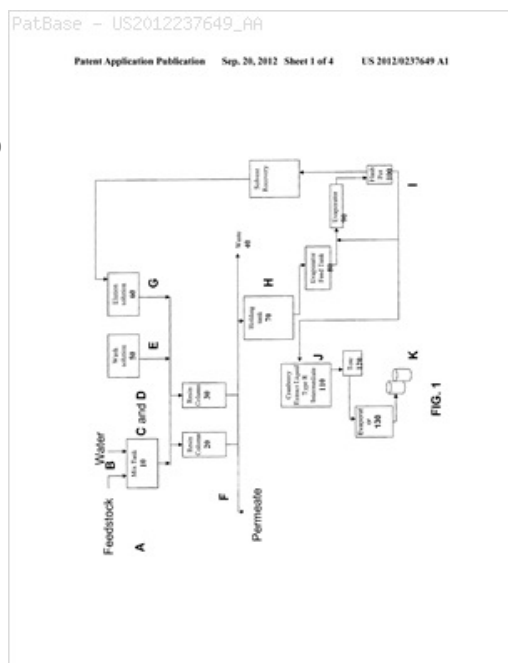
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Title: PHENOLICS EXTRACTION AND USE

Abstract: Methods for concentrating phenolics in a solution and compositions related to the concentrated phenolics are provided. In particular, methods and compositions are described relating to concentrated phenolics obtained from cranberry feedstock extracts combined with fumaric acid as beverage additives. Additionally, methods for obtaining phenolics from feedstocks using resin absorption and elution are described.

Classifications:

International (IPC 8-9): A23C9/14 A23L1/025 A23L1/10 A23L1/222 A23L1/28 A23L1/30 A23L2/02 A23L2/04 A23L2/44 A23L2/52 A23L2/80 A23L27/12 A23L3/3472 A23L3/3481 A23L3/349 A23L3/3499 A23L3/3508 A23L33/10 A23L33/105 C07D311/62 C09B61/00 (Advanced/Invention)
CPC: A23L2/02 A23L2/52 A23V2002/00 C09B61/00 A23V2250/036 A23V2250/2104 A23L2/80 A23L3/3499 A23L3/349 A23L3/3472 A23L33/10 A23L33/105
European: A23L1/30B A23L2/02 A23L2/52 A23L2/80 C09B61/00
US: 1/1 426/102 426/271 426/532 426/590 426/648 426/655 549/399



Family:

Publication number	Publication date	Application number	Application date
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EP3132687 B1	20180613	EP20160186738	20100416
ES2612343 T3	20170516	ES20140171966T	20100416
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US2015359253 AA	20151217	US20150800231	20150715
US2016262438 AA	20160915	US20160139027	20160426
US9113655 BB	20150825	US20100264453	20100416
US9351518 BB	20160531	US20150800231	20150715
US10251413 BB	20190409	US20160139027	20160426
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Priority:

US20090170090P 20090416 EP20100765302 20100416 EP20140171966 20100416
US20100264453 20100416 EP20160186738 20100416 WO2010US31492 20100416
US20120264453 20120529 EP20140171966 20140611 US20150800231 20150715
US20160139027 20160426

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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 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

44) Family number: 29089845 (US2003012819A)

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Title: METHOD OF PREPARING BIOLOGICAL MATERIALS AND PREPARATIONS PRODUCED USING SAME

Abstract: Methods for preparing products containing moisture-sensitive materials, including biological materials such as proteins, peptides or live cells, comprising at least the steps: (i) providing a coating liquid comprising at least one active, a sugar polymer and a water soluble/miscible solvent; (ii) providing a quantity of microparticles comprising at least water soluble gel forming solid particles; (iii) fluidizing said quantity of microparticles within a processing chamber of a of a suitable apparatus to form a fluidized bed of said microparticles; (iv) spraying said coating liquid onto said fluidized bed from beneath the fluidized bed to coat said microparticles therewith under saturated moisture conditions; and (vi) allowing coated microparticles to dry, are described. Also described are compositions and uses.

Classifications:

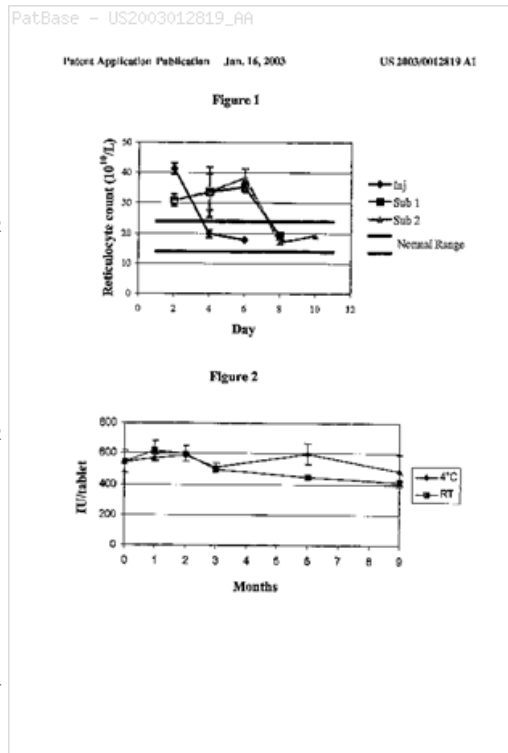
International (IPC 8-9): A23K1/00 A23K1/16 A23K1/165 A23K1/18 A23K20/189 A23K40/30 A23K50/30 A23L1/305 A61K31/721 A61K35/12 A61K35/74 A61K38/00 A61K38/18 A61K38/21 A61K38/23 A61K38/27 A61K38/28 A61K38/43 A61K38/46 A61K38/48 A61K45/00 A61K47/06 A61K47/10 A61K47/12 A61K47/32 A61K47/36 A61K47/38 A61K47/42 A61K9/00 A61K9/12 A61K9/14 A61K9/20 A61K9/26 A61K9/50 A61P1/12 A61P1/14 A61P11/00 A61P17/02 A61P27/02 A61P31/12 A61P31/16 A61P35/00 A61P37/02 A61P37/08 C07K1/00 C07K14/475 C07K14/505 C07K14/51 C07K14/52 C07K14/54 C07K14/575 C07K14/62 C12N1/04 C12N1/20 C12N9/00 C12N9/12 C12N9/18 C12N9/26 C12N9/36 C12N9/42 C12N9/50 C12N9/94 C12N9/98 (Advanced/Invention); A23J3/00 A23P1/04 A61K9/16 C07K17/04 C12N11/04 (Advanced/Non-invention); A23K1/00 A23K1/16 A23K1/165 A23K1/18 A61K31/716 A61K35/12 A61K35/66 A61K38/00 A61K38/18 A61K38/21 A61K38/23 A61K38/27 A61K38/28 A61K38/43 A61K45/00 A61K47/06 A61K47/10 A61K47/12 A61K47/32 A61K47/36 A61K47/38 A61K47/42 A61K9/00 A61K9/12 A61K9/20 A61K9/26 A61K9/50 A61P1/00 A61P11/00 A61P17/00 A61P27/00 A61P31/00 A61P35/00 A61P37/00 C07K14/435 C12N1/04 C12N1/20 C12N9/00 C12N9/12 C12N9/18 C12N9/26 C12N9/36 C12N9/42 C12N9/50 C12N9/94 C12N9/98 (Core/Invention); A61K9/16 (Core/Non-invention)

International (IPC 1-7): A23K1/16 A23K1/165 A61F2/00 A61K31/721 A61K35/12 A61K35/74 A61K38/00 A61K38/21 A61K38/22 A61K38/23 A61K38/27 A61K38/28 A61K38/43 A61K38/46 A61K38/47 A61K39/02 A61K45/00 A61K47/00 A61K47/06 A61K47/10 A61K47/12 A61K47/32 A61K47/36 A61K47/38 A61K47/40 A61K47/42 A61K9/00 A61K9/14 A61K9/16 A61K9/20 A61K9/22 A61K9/26 A61K9/50 A61P1/12 A61P1/14 A61P11/00 A61P17/02 A61P27/02 A61P31/12 A61P31/16 A61P35/00 A61P37/02 A61P37/08 C07K14/475 C07K14/505 C07K14/51 C07K14/52 C07K14/54 C07K14/575 C07K14/62 C12N1/04 C12N1/20 C12N9/00 C12N9/12 C12N9/18 C12N9/26 C12N9/36 C12N9/42 C12N9/50 C12N9/94 **CPC:** A23K20/189 A23K40/30 A23K50/30 A61K35/747 A61K9/0043 A61K9/0048 A61K9/006 A61K9/12 A61K9/1623 A61K9/1652 A61K9/1658 A61K9/2081 A61K35/745 A61K38/1816 A61K38/193 A61K38/20 A61K38/21 A61K38/23 A61K38/28 A61K38/4873 C12N1/04 C12N9/98

European: A23K1/00B3 A23K1/165B A23K1/18M1 A61K35/74 A61K35/74A2B A61K38/18B A61K38/19B A61K38/20 A61K38/21 A61K38/23 A61K38/28 A61K38/48L A61K39/385 A61K39/39 A61K9/00M14 A61K9/00M16 A61K9/00M18D A61K9/12 A61K9/20K2B C12N1/04 C12N9/98 K61K9/16H4B K61K9/16H6F K61K9/16H6H

US: 264/4 264/4S 424/422 424/423 424/427 424/434 424/435 424/439 424/440 424/464 424/468 424/490 424/490P 424/493 424/493P 424/93.1 424/93.100S 514/772.3 514/774 514/776 514/777 514/778 514/779 514/782

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Priority:

AU2001PR02729 20010125 AU20020226193 20020124 WO2002AU00076 20020124
US20020054914 20020125 US20040922917 20040823

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YUEN

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YING T KO ; AUYEUNG T PING YUEN ; SAI YING THOMAS KO ; YEUNG TERENCE PING YUEN AU ; T KO SAI
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YUEN AU YEUNG ; THOMAS KO SAI YING

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; REINHOLD COHN AND
PARTNERS; SUGHRUE MION PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM
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45) Family number: 43952862 (US2009312537A)

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Title: CARBOHYDRATES

Abstract: Carbohydrates having functional groups, such as carboxylic acid groups and methods of making such carbohydrates.

Classifications:

International (IPC 8-9): A01H5/00 A23J1/16 A23K1/00 A23K1/06
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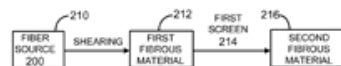


FIG. 1

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AU20160225857	20160908	US20170431600	20170213	US20170657013	20170721

Probable Assignee: XYLECO INC

Assignee(s): (std): KSILEKO INK ; MEDOFF MARSHALL ; XYLECO INC

Assignee(s): XYLECO INC WAKEFIELD ; XYLECO INC WOBURN

Inventor(s): (std): MEDOFF MARSHALL ; MARSHALL MEDOFF

Inventor(s): MEDOFF MARSHALL BROOKLINE

Agent(s): SPRUSON AND FERGUSON; SMART AND BIGGAR; STOLMAR AND PARTNER PATENTANWALTE PARTG MBB; SIMPSON MARK GEOFFREY; POTTER CLARKSON LLP; VON FUENER NICOLAI; DE ELZABURU ALBERTO; REINHOLD COHN AND PARTNERS; EVROMARKPAT; ETAZH 3 EVROMARKPAT; FULYA SUEMERALP; XYLECO INC; XYLECO INC CELIA LEBER; LEVER PATENT LAW PC; CELIA H; WILMER CUTLER PICKERING HALE AND DORR LLP; BABINEAU JAMES W 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 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

46) Family number: 46159895 (US2011274786A)

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Title: ENZYMATIC GENERATION OF OLIGASACCHARIDES FROM CEREALS OR CEREAL BI-STREAMS

Abstract: The present invention relates to the solubilisation of cereal bran, for preparing compositions comprising soluble fractions of cereal bran and the use of these compositions comprising solubilised cereal bran for the preparation of food products, such as bread.

Classifications:

International (IPC 8-9): A21D13/00 A21D13/02 A21D13/06 A21D13/062 A21D13/08 A21D2/08 A21D2/18 A21D2/36 A21D8/04 A23L1/03 A23L1/05 A23L1/10 A23L1/105 A23L1/16 A23L1/164 A23L1/18 A23L29/00 A23L29/212 A23L3/40 A23L33/21 A23L5/20 A23L7/00 A23L7/10 A23L7/104 A23L7/109 A23L7/122 A23L7/13 C07C29/00 C07C31/08 C07C53/126 C11B1/00 C11B1/02 C12C5/02 C12N9/18 C12N9/20 C12N9/42 C12P21/06 C12P33/00 C12P7/06 C12P7/62 C12P7/64 C12P9/00 C12Q1/37 C12Q1/40 (Advanced/Invention); A21D13/06 A23L7/10 C12P19/00 (Advanced/Non-invention); A21D8/02 A23L1/03 A23L1/10 A23L1/105 (Core/Invention); A21D A23L (Subclass/Invention)

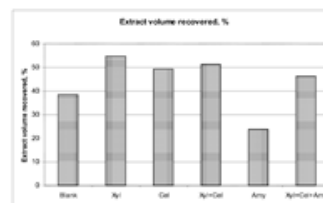
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European: A21D13/02 A21D13/06B A21D2/18F A21D8/04B A23L1/105B

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426/61 426/618 426/618S 426/619 426/619S 426/61S 426/87 426/87S
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A21D13/40 A23L1/10/101 A23L7/10/101 A21D2/08 A23L1/18 A23L7/174
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Figure 1



Family:

Publication number	Publication date	Application number	Application date
AR075136 AA	20110309	AR2010P100092	20100115
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EP2387330 B1	20171115	EP20100700862	20100115
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JP2012514989 T2	20120705	JP20110545740T	20100115
JP2015213508 A2	20151203	JP20150125971	20150623
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JP5882063 B2	20160309	JP20110545739T	20100115
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KR20110127656 A	20111125	KR20117019057	20100115
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MX2011007509 A1	20110812	MX20110007509	20100115
MX360447 B	20181101	MX20110007509	20100115
MX363668 B	20190329	MX20110007507	20100115
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WO10081869 A1	20100722	WO2010EP50445	20100115
WO10081870 A1	20100722	WO2010EP50446	20100115
ZA201105129 A	20120328	ZA20110005129	20110712
ZA201105130 A	20120328	ZA20110005130	20110712

Priority:

EP20090150744	20090116	US20090145366P	20090116	EP20090151352	20090126
US20090147412P	20090126	EP20090157090	20090401	EP20100700415	20100115
EP20100700862	20100115	JP20110545739T	20100115	WO2010EP50445	20100115
WO2010EP50446	20100115	US20100144580	20100115	US20100144588	20100115

Probable Assignee: DUPONT NUTRITION BIOSCIENCES APS**Assignee(s):** (std): DUPONT NUTRITION BIOSCI APS ; SOERENSEN JENS FRISBAEK ; POULSEN CHARLOTTE HORSMANS ; MIKKELSEN RENE ; KRAGH KARSTEN MATTHIAS ; DUPONT NUTRITION BIOSCIENCES APS ; SOERENSEN JENS FRISBAEK ; DANISCO ; DANISCO A**Assignee(s):** DANISCO A S**Inventor(s):** (std): SOERENSEN JENS FRISBAEK ; POULSEN CHARLOTTE HORSMANS ; MIKKELSEN RENE ; KRAGH KARSTEN MATTHIAS ; SOERENSEN JENS FRISBAEK ; KRAGH KARSTEN MATTHIAS ; RENE MIKKELSEN ; MATTHIAS KRAGH KARSTEN ; FRISBAEK SOERENSEN JENS ; HORSMANS POULSEN CHARLOTTE ; CHARLOTTE HORSMANS POULSEN ; KARSTEN MATTHIAS KRAGH ; JENS FRISBAEK SOERENSEN ; FRISBAEK SOERENSEN JENS ; SOERENSEN JENS FISBAEK ; JENS FRISBAEK SOERENSEN**Inventor(s):** JENS FISBAEK SOERENSEN**Agent(s):** FB RICE; FB RICE PTY LTD; NORTON ROSE OR SENCRL SRL LLP; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; INSPICOS A S; D YOUNG AND CO LLP; ELZABURU SLP ELZABURU SLP; YAMAZAKI HIROSHI; TOMITA KENJI; TANAKA MITSUO; HANSEN CARSTEN 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 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 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**47) Family number: 10828956** (US5756680A)

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Title: SEQUENTIAL SEPARATION OF WHEY PROTEINS AND FORMULATIONS THEREOF**Abstract:** A method is disclosed for the sequential separation of whey proteins using radial-flow chromatography. Different buffer systems adjusted to suitable pH and ionic strength are utilized in the separation process. The method separates at least five different proteins from whey. Infant feeding formulas, and other food formulations are also disclosed incorporating therein in different proportions various proteins separated from the whey.**Classifications:****International (IPC 8-9):** A21D2/26 A23C9/146 A23G9/52 A23J1/20 A23L1/068 A23L1/305 C07K16/04 (Advanced/Invention);

G01N30/38 (Advanced/Non-invention);

A21D2/00 A23C9/00 A23G9/52 A23J1/00 A23L1/06 A23L1/305

C07K16/04 (Core/Invention);

G01N30/00 (Core/Non-invention)

International (IPC 1-7): A23C9/12 A23C9/14 C07K1/36 C07K14/47 C07K16/04**CPC:** Y10S530/833 A23G9/52 Y02P20/582 A23L21/15 A23L33/19

C07K16/04 A21D2/263 A23C9/1465 A23J1/205 A23V2002/00

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European: A21D2/26B4 A23C9/146B A23G9/02K A23G9/02K+D12

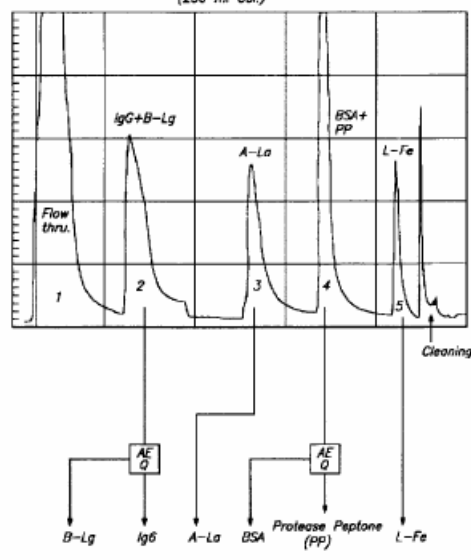
A23G9/52 A23J1/20C A23L1/068 A23L1/305D C07K16/04 K23V2/00

S01N30/38C

US: 426/271 426/41 426/583 530/350 530/364 530/366 530/386 530/394

530/412 530/414 530/416 530/417 530/833

PatBase - US5756680_A

U.V. Trace 280 nm
(250 ml Col.)**Family:**

Publication number	Publication date	Application number	Application date
US5756680 A	19980526	US19960678364	19960716
US6096870 A	20000801	US19980076169	19980504

Priority:

US19940177574 19940105

US19960678364 19960716

US19980076169 19980504

Probable Assignee: SEPRAGEN CORPORATIOON**Assignee(s):** (std): SEPRAGEN CORP**Assignee(s):** SEPRAGEN CORPORATIOON**Inventor(s):** (std): SAXENA VINIT ; MOZAFFAR ZAHID ; MIRANDA QUIRINUS RONNIE ; MIRANDA QUIRINUS R ; AHMED SALAH H**48) Family number: 29455968** (US5514412A)

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Title: Method of stabilizing soil, beaches and roads**Abstract:** This invention relates to a process and compositions for conditioning soils, beaches and roadways by treating the surface or the roadway construction materials of these areas with a granular composition or an aqueous solution containing a

protein-polysaccharide complex. The treated surfaces and roadway materials have improved erosion resistance.

Classifications:

International (IPC 8-9): A01N25/10 A23B4/033 A23B4/06 A23B4/08 A23B4/09 A23B4/10 A23B4/20 A23B7/022 A23B7/04 A23B7/05 A23B7/055 A23B7/14 A23B7/154 A23B7/16 A23J3/18 A23L1/00 A23L1/015 A23L1/052 A23L1/0524 A23L1/0526 A23L1/053 A23L1/0532 A23L1/054 A23L1/305 A23L1/308 A23L1/314 A23L1/325 A23L1/33 A23L2/72 A23L3/35 A23L3/3544 A23L3/3562 A23L3/36 A23L3/42 A23L5/20 A23P1/04 A61K31/715 A61K31/725 A61K38/01 A61K9/14 C04B24/38 C05F11/00 C05G3/00 C08L95/00 C09K17/16 C09K17/32 C09K17/34 E01C7/08 E01C7/14 E01C7/26 E01C7/36 E02B3/04 E02B3/12 (Advanced/Invention); A23B7/14 A23L1/00 A23L1/305 A23L1/308 A23L1/325 A23L3/36 A23P1/04 (Advanced/Non-invention); A23B4/00 A23B4/03 A23B4/06 A23B4/14 A23B7/00 A23B7/02 A23B7/04 A23B7/14 A23J3/00 A23L1/00 A23L1/015 A23L1/05 A23L1/052 A23L1/305 A23L1/308 A23L1/325 A23L2/70 A23L3/34 A23L3/3463 A23L3/36 A23L3/40 A23P1/04 A61K9/14 C09K17/14 E01C7/00 E02B3/12 (Core/Invention); A23L (Subclass/Invention) **International (IPC 1-7):** A01N25/10 A01N3/02 A23B4/08 A23B4/10 A23B4/20 A23B7/14 A23B7/154 A23J1/12 A23J3/14 A23L A23L1/05 A23L1/052 A23L1/053 A23L1/0532 A23L1/054 A23L1/305 A23L1/308 A23L1/325 A23L3/3472 A23L3/3544 A23L3/3562 A23L3/36 A61K9/14 B01D15/00 B01D37/02 B05D5/00 B08B7/00 C02F1/28 C04B24/14 C04B24/38 C05G3/00 C05G5/00 C08L95/00 C09D105/00 C09D105/04 C09D105/06 C09D195/00 C09D7/12 **CPIC:** C09K17/16 C09K17/32 E01C7/08 E02B3/04 Y10S514/95 Y10S514/964 Y10S210/909 Y10S210/916 A23L2/72 C09K17/34 A23L29/231 A23L29/238 A23L29/25 A23L29/256 A23L29/27 A23L33/21 A23P10/30 A23L13/422 A23L17/00 A23L17/40 A23L5/273 E02B3/126 A23B4/06 A23B7/04 A01N25/10 C05F11/00 C05G3/0064 E01C7/142 E01C7/26 E01C7/36 A23J3/18 A23B4/033 A23B4/08 A23B4/10 A23B4/20 A23B7/022 A23B7/154 A23B7/16 A23L3/42 **European:** A01N25/10 A23B4/033 A23B4/06 A23B4/08 A23B4/10 A23B4/20 A23B7/022 A23B7/04 A23B7/154 A23B7/16 A23J3/18 A23L1/00P4 A23L1/015E2 A23L1/0524 A23L1/0526 A23L1/053 A23L1/0532 A23L1/054B A23L1/308 A23L1/314B1 A23L1/325 A23L1/33 A23L2/72 A23L3/42 A23P1/04 C05F11/00 C05F11/00+G3/00PL+G3/02 C05G3/00B10 C09K17/16 C09K17/32 C09K17/34 E01C7/08 E01C7/14B E01C7/26 E01C7/36 E02B3/04 E02B3/12C5 **US:** 106/144.1 106/144.2 106/144.3 106/144.6 106/144.71 106/648 106/656 134/25.1 134/251 134/7 208/262.5 210/674 210/684 210/688 210/690 210/691 210/749 210/777 210/909 210/916 405/15 405/264 426/103 426/289 426/295 426/327 426/331 426/419 426/422 426/424 426/490 426/495 426/531 426/573 426/574 426/575 426/577 426/654 426/656 426/89 427/136 427/215 427/384 504/115 504/116 504/358 504/365 504/367 514/773 514/777 514/950 514/964 **JP F-Term:** 4B018 4B018/LE01 4B018/LE02 4B018/MD08 4B018/MD09 4B018/MD10 4B018/MD15 4B018/MD20 4B018/MD37 4B018/MD38 4B018/MD39 4B018/MD47 4B018/ME11 4B018/ME13 4B018/MF01 4B018/MF02 4B021 4B021/LW02 4B021/MC09 4B021/MK02 4B021/MK04 4B021/MK05 4B021/MK20 4B021/MK28 4B021/MK28 4B021/MP02 4B021/MP03 4B022 4B022/LA05 4B022/LA06 4B022/LB05 4B022/LF12 4B022/LP08 4B042 4B042/AC05 4B042/AC06 4B042/AG12 4B042/AH01 4B042/AK03 4B042/AK04 4B042/AK06 4B042/AK09 4B042/AK10 4B042/AP18 4B042/AP25 4B069 4B069/CA06 4B069/KA10 4B069/KB03 4B069/KB04 4B069/KC21 4B069/KC22 4B069/KC23 4B069/KC24 4B069/KC27 4B069/KC28 4B069/KC29 4B169 4B169/CA06 4B169/KA10 4B169/KB03 4B169/KB04 4B169/KC31 4B169/KC32 4B169/KC33 4B169/KC34 4B169/KC37 4B169/KC38 4B169/KC39 4B169/KC39 **JP F-Index:** A23B7/14 A23B7/154 A23B7/157 A23L1/305 A23L1/308 A23L1/325/Z A23L17/00/Z A23L3/3562 A23L3/36/Z A23L33/12 A23L33/18 A23L33/22 A23L33/25

Family:

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US5514412 A	19960507	US19950523163	19950905	
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Priority:

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WO1994US07399	19940708	US19950523163	19950905	US19950523162	19950905

US19950579595	19951226	US19960610658	19960304	US19960699578	19960816
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