

Search history

Search PN=(WO2016046469) (Results 1)

1:

Search [SP]: 1-14. (canceled) 15. a method for preparing a powder of brown and/or red macroalgae, for the manufacture of rigid objects, wherein the method comprises the following steps in that order: harvesting said brown and/or red macroalgae; shear stirring said macroalgae in a tank at a rate of at least 4 rpm, so as to extract proteins, such as actin, from said macroalgae, wherein said shear stirring is carried out at least partially under vacuum; drying said stirred macroalgae, so as to obtain stirred and dried macroalgae having a residual moisture content smaller than or equal to 45 percent; and grinding said stirred and dried macroalgae, so as to obtain a powder of macroalgae. 16. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein, during said drying step, the drying temperature of said stirred macroalgae ranges between 30 and 50 degrees centigrade. 17. the method for preparing a powder of brown and/or red macroalgae according to claim 16, wherein, during said drying step, the drying temperature of said stirred macroalgae ranges between 30 and 45 degrees centigrade. 18. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein the step of shear stirring of said macroalgae is performed for a time that ranges between 6 and 24 hours. 19. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein particles of said powder of macroalgae have an equivalent diameter smaller than or equal to 1.5 millimetres. 20. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein said drying step comprises a step of compacting said macroalgae in the form of a plurality of granules of volume between 0.1 and 1 cm³. 21. the method for preparing a powder of brown and/or red macroalgae according to claim 20, wherein said compaction step comprises a step of adding to said macroalgae, macroalgae treated with a weak acid. 22. the method for preparing a powder of brown and/or red macroalgae according to claim 21, wherein the weak acid comprises at least one of acetic acid, citric acid, or an acid diluted in water. 23. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein said step of shear stirring is carried out under vacuum throughout its duration. 24. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein said step of stirring comprises a step of adding to said macroalgae an additive belonging to the group consisting of: water; a dye; a coloured pigment; an odour absorbent; an odorant; an agent; albumin. 25. the method for preparing a powder of brown and/or red macroalgae according to claim 24, wherein said dye or said coloured pigments, said odour absorbent and albumin are added in respective proportions of 0.05 to 0.1 percent, 1 to 3.5 percent and/or 0.2 to 1 percent. 26. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein said stirring rate ranges between 4 and 6 rotations per minute. 27. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein, in said stirring step, at least 2 percent actin contained in said macroalgae, is extracted. 28. the method for preparing a powder of brown and/or red macroalgae according to claim 27, wherein in said stirring step, at least 5 percent actin contained in said macroalgae, is extracted. 29. the method for preparing a powder of brown and/or red macroalgae according to claim 15, wherein said brown macroalgae are chosen from brown algae of the order laminariales or of the order fucales. 30. the method for preparing a powder of brown and/or red macroalgae according to claim 29, wherein said brown macroalgae are selected from *thelaminaria digitata*, *ascophyllum nodosum* species and the genus *fucus* species. 31. the method of preparing a powder of brown and/or red macroalgae according to claim 15, wherein the residual moisture content of said powder is greater than or equal to 7 percent. 32. a method of manufacturing a rigid object at least partially from brown macroalgae, wherein the method comprises the following steps in that order: shear stirring said macroalgae in a tank at a rate of at least 4 rpm, so as to extract proteins from said macroalgae, wherein said shear stirring is carried out at least partially under vacuum; drying said stirred macroalgae so as to obtain stirred and dried macroalgae having a residual moisture content smaller than or equal to 45 percent; grinding said stirred and dried macroalgae so as to obtain a powder of macroalgae; and thermo-compression of said powder in a mould, said powder being brought to a temperature between 50 and 100 degrees centigrade and subjected to a pressure of between 150 and 4000 bars for 50 seconds to 45 minutes. 33. the method for manufacturing a rigid object according to claim 32, wherein in said thermo-compression, said powder is brought to a temperature between 60 degrees centigrade and 100 degrees centigrade. 34. the method for manufacturing a rigid object according to claim 32, further comprising at least one partial step of applying a water-repellent lacquer on a surface of the thermo-compressed powder. 35. the method for manufacturing a rigid object according to claim 32, wherein the shear stirring is performed so as to extract actin from said macroalgae. (Results 0)

Search macroalgae and process (Results 887)

3:

Search 3 and (extract proteins) (Results 6)

4:

Title: METHOD FOR PREPARING A POWDER OF BROWN **MACROALGAE** BY STIRRING AND A METHOD OF MANUFACTURING RIGID OBJECTS FROM SAID POWDER

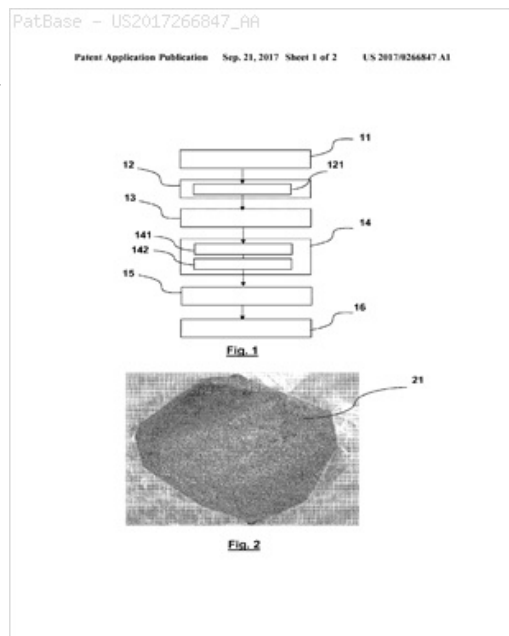
Abstract: A method is provided for manufacturing a rigid object from a powder produced from shear stirred brown **macroalgae** so as to **extract proteins**, such as actin, from the brown **macroalgae**, the powder consisting of particles having an equivalent diameter smaller than or equal to 1.5 millimetres and having a residual moisture content smaller than or equal to 45 percent. The method includes thermo-compression of the powder in a mould, the powder being brought to a temperature between 50 and 100 degrees centigrade and subjected to a pressure of between 150 and 4000 bars for 50 seconds to 45 minutes. Also provided is a method for preparing the powder.

Classifications:

International (IPC 8-9): B02C13/14 B29B13/06 B29B13/10 B29B9/06 B29B9/08 B29B9/10 B29B9/12 B29C43/00 B29C43/02 B29C43/34 B29C43/52 B29C43/58 B29C71/00 B29K1/00 C08L99/00 D21B D21B1/04 D21B1/06 (Advanced/Invention); B29K1/00 B29K105/00 (Advanced/Non-invention); D21B (Subclass/Invention)

International (IPC 1-7): B29C43/00 D21B1/04 D21B1/06

CPC: B29B9/12 B29B13/06 B29B9/06 B29B9/10 B29B9/08 B29C43/52 B29K2105/251 B29C43/003 B29K2001/00 D21B1/063



Family:

Publication number	Publication date	Application number	Application date
■ AP201709787 A0	20170228	AP20170009787	20150915
■ AU2015323611 AA	20160331	AU20150323611	20150915
■ BR112017005807 A2	20171212	BR20171105807	20150915
■ CA2955801 AA	20170119	CA20152955801	20150915
■ CL2017000666 A1	20171222	CL20170000666	20170317
■ CN106715071 A	20170524	CN201580050607	20150915
■ CO20170003008 A2	20170831	CO20170003008	20170328
■ CU20170032 A7	20171005	CU20170000032	20150915
■ DOP2017000040 A	20170430	DO20170000040	20170206
■ EP3197657 A1	20170802	EP20150778362	20150915
■ FR3026042 A1	20160325	FR20140058981	20140923
■ FR3026042 B1	20161111	FR20140058981	20140923
■ ID201802439 A	20180309	ID2017P0001788	20150915
■ IL251133 A0	20170430	IL20150251133	20150915
■ IN201717005203 A	20170512	IN201717005203	20170214
■ JP2017532226 T2	20171102	JP20170515245T	20150915
■ KR20170057245 A	20170524	KR20177005517	20150915
■ MX2017003769 A1	20180112	MX20170003769	20150915
■ PE07922017 A1	20170704	PE20170000149	20150915
■ PH2017500160 A	20170710	PH20170500160	20170126
■ US2017266847 AA	20170921	US20150513420	20150915
■ WO16046469 A1	20160331	WO2015FR52455	20150915

Priority:

FR20140058981 20140923 WO2015FR52455 20150915

Probable Assignee: ALGOPACK

Assignee(s): (std): ALGOPACK ; REMY LUCAS

Assignee(s): LUCAS REMY

Inventor(s): (std): LUCAS REMY ; REMY LUCAS

Agent(s): WYNNES PATENT AND TRADE MARK ATTORNEYS; WYNNES PATENT AND TRADE MARK ATTORNEYS PTY LTD; OSLER HOSKIN AND HARCOURT LLP; SILVA AND COMPANIA PATENTES Y MARCAS LTDA; MARGARITA CASTELLANOS ABONDANO; ERMENEUX BERTRAND; AVOXA; LANNY SETIAWAN MBA MGMT MA LPC MA LMFT

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

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

Title: BIOMASS EXTRACTS AND METHODS THEREOF

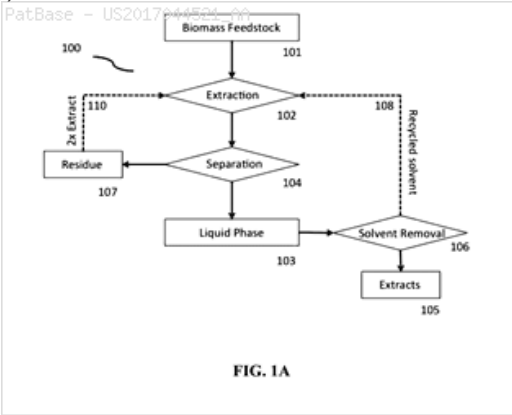
Abstract: The invention provides novel and improved methods that allow effective capture of valuable active ingredients in biomass (e.g., DDGS) at cost-effective commercial scale. The invention also provides novel compositions of active ingredients with unique properties (e.g., nutritional values and enhanced bioavailability).

Classifications:

International (IPC 8-9): B01D11/00 B01D11/02 C07H1/08 C07K1/14
C12N15/10 C12P19/30 C12P19/32 C12P19/34
C12P21/00 (Advanced/Invention)

CPC: C12N15/10 C12P19/32 C12P19/305 C12N15/1003 C12P19/30

US: 435/92



Family:

Publication number	Publication date	Application number	Application date
CA2946530 AA	20161020	CA20152946530	20150421
CN106661081 A	20170510	CN201580033053	20150421
EP3134424 A2	20170301	EP20150782933	20150421
EP3134424 A4	20180314	EP20150782933	20150421
US2017044521 AA	20170216	US20150305253	20150421
WO15164336 A2	20151029	WO2015US26817	20150421
WO15164336 A3	20161201	WO2015US26817	20150421

Priority:

US20140981957P 20140421 US20150305253 20150421 WO2015US26817 20150421

Probable Assignee: LAKEVIEW NUTRITION LLC

Assignee(s): (std): LAKEVIEW NUTRITION LLC

Assignee(s): OU BOXIN ; BYRNE EAMONN ; GALVIN JIM ; HUANG DEJIAN

Inventor(s): (std): BYRNE EAMONN ; GALVIN JIM ; HUANG DEJIAN ; OU BOXIN

Agent(s): GOWLING WLG CANADA LLP; KIERDORF RITSCHEL RICHLY; ZHANG YIN PHILIP

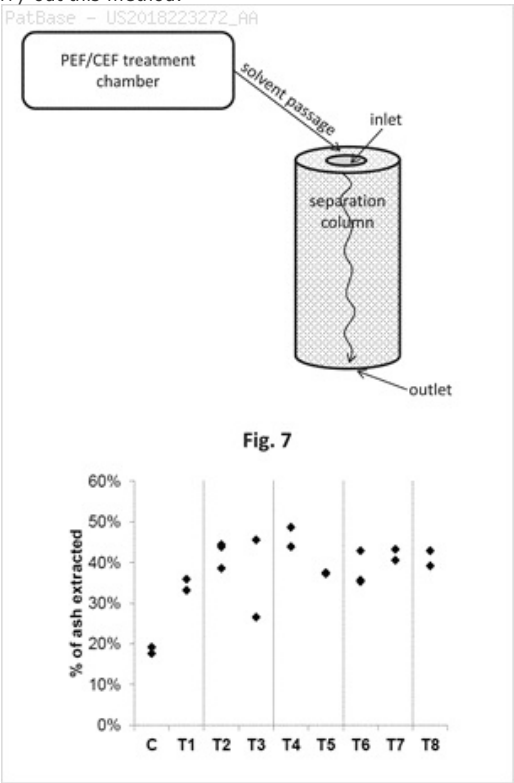
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SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND DEVICE FOR NON-THERMAL EXTRACTION OF PHYTOCHEMICALS FROM **MACROALGAE**

Abstract: A method is for the extraction of a phytochemical, e.g., peptide or protein, or a chemical element from a **macroalgae**, by applying pulsed electric field (PEF)- or continuous electric field (CEF)-treatment to the **macroalgae** in a solvent, under pressure higher than the ambient pressure. A device and system carry out this method.

Classifications:

International (IPC 8-9): C07K1/36 C07K4/08 C12M1/00 C12M1/42 C12N13/00 C12P21/00 C12P7/64 (Advanced/Invention)
CPC: C12P7/64 C12P21/00 C07K1/22 C07K1/24 C12N13/00 C12M47/06 C07K1/36 C07K4/08



Family:

Publication number	Publication date	Application number	Application date
US2018223272 AA	20180809	US20180884114	20180130
WO17081677 A1	20170518	WO2016IL51202	20161107

Priority:

US20150252723P 20151109 WO2016IL51202 20161107 US20180884114 20180130

Probable Assignee: RAMOT AT TEL AVIV UNIV LTD

Assignee(s): (std): RAMOT AT TEL AVIV UNIV LTD

Inventor(s): (std): GOLBERG ALEXANDER ; ROBIN ARTHUR

Agent(s): AVITAL AVIHU 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 DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: EXTRACTS OF WHOLE STILLAGE AND OTHER BIOMASS AND METHODS THEREOF

Abstract: The invention provides novel and improved methods that allow effective capture of valuable active ingredients in biomass such as whole stillage or thin stillage at cost-effective commercial scale. The invention also provides novel compositions of active ingredients with unique properties (e.g., nutritional values and enhanced bioavailability).

Classifications:

International (IPC 8-9): A23J1/12 A23J3/18 A23J3/34 C07K14/425

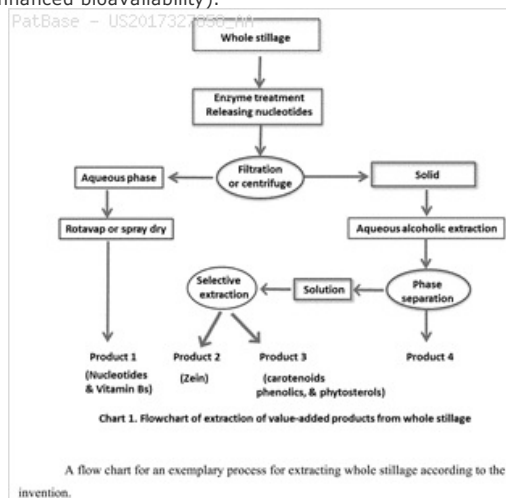
C11B1/00 C11B1/02 C11B1/10 C12F3/10 C12N9/22 C12P19/00

C12P19/30 (Advanced/Invention);

C11B1/00 C12P19/00 (Advanced/Non-invention)

CPC: C11B1/00 C12P19/00 C12P19/30 C07K14/425 C11B1/025

C11B1/10 C12F3/10 A23J1/125 A23J3/18 A23J3/346 C12N9/22



Family:

Publication number	Publication date	Application number	Application date
CA2968871 AA	20170524	CA20152968871	20151201
CN107208122 A	20170926	CN201580072328	20151201
EP3227453 A1	20171011	EP20150865677	20151201
EP3227453 A4	20180627	EP20150865677	20151201
US2017327858 AA	20171116	US20150528822	20151201
WO16089816 A1	20160609	WO2015US63098	20151201

Priority:

US20140086570P 20141202 US20150528822 20151201 WO2015US63098 20151201

Probable Assignee: LAKEVIEW NUTRITION LLC

Assignee(s): (std): LAKEVIEW NUTRITION LLC

Assignee(s): BYRNE EAMONN ; GALVIN JIM ; HUANG DEJIAN

Inventor(s): (std): BYRNE EAMONN ; GALVIN JIM ; HUANG DEJIAN

Agent(s): GOWLING WLG CANADA LLP; KIERDORF RITSCHEL RICHLY; ZHANG YIN PHILIP

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

Title: Plant proteins

Abstract: Adhesive proteins isolated from mature plants selected from the group consisting of **macroalgae** and microalgae, said proteins being characterized by the presence of at least one RGD or RGD-like or other adhesive recognition sequence, the absence of DOPA and hydroxyproline units, and by the fact that the proteins may be used by the plants in their natural state, for the purpose of adhesion to substrates.

Classifications:

International (IPC 8-9): C07K14/415 (Advanced/Invention);
C07K14/415 (Core/Invention)

International (IPC 1-7): C07K C07K14/405 C07K4/08

CPC: C07K14/415

European: C07K14/415

US: 530/370 530/371 530/379

Family:

Publication number	Publication date	Application number	Application date
IL110938 A0	19941128	IL19940110938	19940912
IL110938 A1	20010128	IL19940110938	19940912
US5859198 A	19990112	US19950522179	19950831

Priority:

IL19940110938 19940912

Probable Assignee:

BIOTA LTD

Assignee(s): (std):

HABER MEIR

Assignee(s):

BIOTA LTD

Inventor(s): (std):

HABER MEIR

Agent(s):

SANFORD TCOLB AND CO

Title: CARTOUCHE PYROTECHNIQUE BIODEGRADABLE A BASE DE MACROALGUES ET PROCEDE DE FABRICATION CORRESPONDANT Pyrotechnic cartridge based BIODEGRADABLE **MACROALGAE** AND CORRESPONDING MANUFACTURING METHOD (Machine translation)

Abstract: Source: FR3050520A [FR] L'invention concerne une cartouche pyrotechnique biodégradable, telle qu'une cartouche de sautage biodégradable, et son procédé de fabrication. Selon l'invention, une telle cartouche est formée au moins partiellement de fragments de macroalgues agglomérés entre eux. **Machine translation:** The invention relates to a biodegradable pyrotechnic cartridge, such as a blasting cartridge biodegradable and its fabrication **process**. According to the invention, such a cartridge is formed at least partially fragments **macroalgae** agglomerated between them.

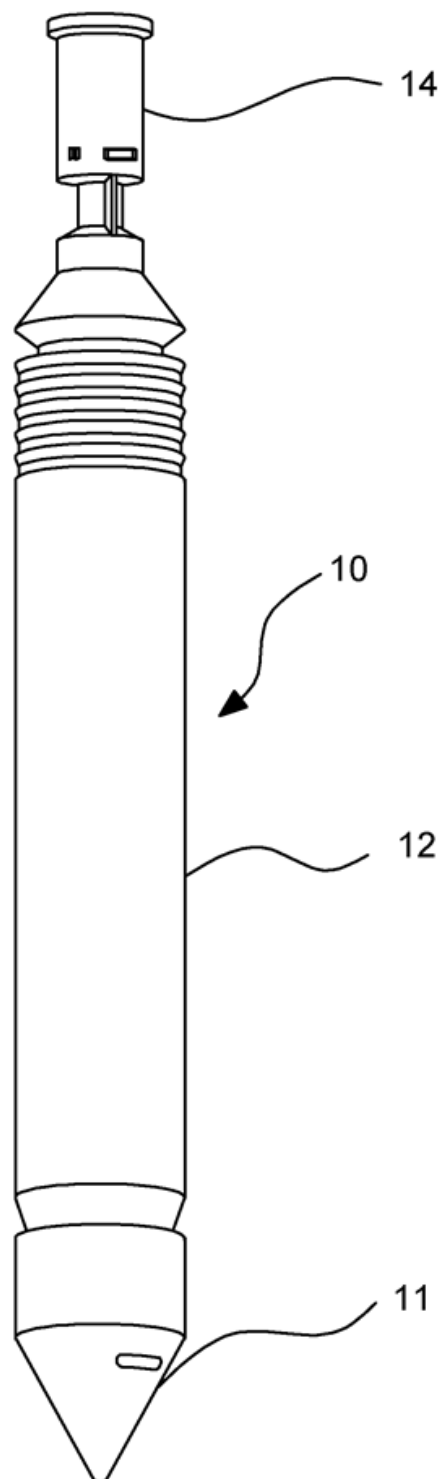
Classifications:

International (IPC 8-9): B29B13/00 B29C67/02

F42B3/28 (Advanced/Invention)

CPC: F42B3/107 F42B3/11 F42B3/28 F42B4/30 F42B12/76 F42D3/06

PatBase - FR3050520_A1



Family:

Publication number	Publication date	Application number	Application date
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Priority:

FR20160053577 20160422

Probable Assignee:

ALGOPACK

Assignee(s): (std):

ALGOPACK

Inventor(s): (std):

LUCAS REMY

Inventor(s):

REMY LUCAS

Agent(s):

AVOXA