

Search history

Search 1: CPC=(A63G31/00 AND E04H4/00) (Results 4)
Search 2: wave and generator and pool and system and artificial and surf and piston and barrier (Results 25)
Search 3: artificial wave and system (Results 113)
Search 4: CPC=(A63G31/00) (Results 1318)
Search 5: CPC=(E04H4/00) (Results 672)
Search 6: 3 and 4 (Results 3)
Search 7: 3 and 5 (Results 2)
Search 8: 2 and surf (Results 25)

1) Family number: 47547006 (US2010284749A)

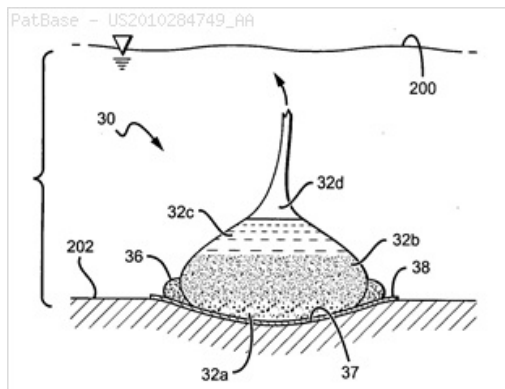
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Title: SYSTEMS AND METHODS FOR OFF-SHORE ENERGY PRODUCTION AND CARBON DIOXIDE SEQUESTRATION

Abstract: The present invention is directed to aquatic systems and methods for off-shore energy production, particularly to systems and methods for generating large amounts of methane via anaerobic digestion, purifying the methane produced, and sequestering environmentally deleterious by-products such as carbon dioxide. The energy production systems contain one or more flexible, inflatable containers supported by water, at least one of which is an anaerobic digester containing bacteria which can produce energy sources such as methane or hydrogen from aquatic plants or animals. Off-shore energy production facilities supported by water bodies offer many advantages over land-based digesters, including the use of large, available open water bodies as an alternative means of support and the potential for locating the facilities at sites that already contain, or can be easily modified to generate, sufficient amounts of feedstock onsite. In addition, the containers of the present invention can be large enough to provide adequate amounts of energy to support off-shore activities and relatively easy to manufacture and ship to remote production sites. The systems can also be readily adapted to sequester carbon dioxide or replenish feedstocks growing nutrients on site.

Classifications:

International (IPC 8-9): B01D37/00 C10B53/02 C12M1/00 E02D29/00 F16L1/24 (Advanced/Invention)
CPC: B01D2251/95 B01D2252/1035 B01D2256/245 C12M21/04 C12M23/14 C12M23/26 C12M23/56 C12M47/18 E21B41/0064 Y02C10/14 F16L1/24 C10B53/02 Y02E50/14 B01D53/1475 B01D53/84 E21B43/36 Y02C10/06 Y02E50/343 F28D1/022 F28F21/062 Y02P20/59 Y02A50/2358 E21B41/0099
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US: 210/767 210/767S 405/184.4 405/210 405/210P 435/167 435/289.1 435/289.100S 435/41 435/41S 585/16



Family:

Publication number	Publication date	Application number	Application date
US2010284749 AA	20101111	US20070985196	20071113
US2013211160 AA	20130815	US20130834590	20130315
US2013266380 AA	20131010	US20130781597	20130228

Priority:

US20070985196 20071113 US20120673483P 20120719 US20120718155P 20121024
US20130781597 20130228 US20130834590 20130315

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Agent(s): KOPPEL PATRICK HEYBL AND DAWSON

2) Family number: 68926112 (US9920544B)

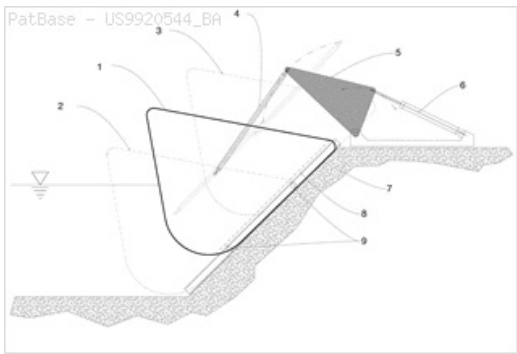
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Title: PLUNGER WAVE GENERATOR APPARATUS FOR EFFICIENTLY PRODUCING WAVES IN A BODY OF WATER

Abstract: An apparatus for creating a surfing wave in a body of water. An apparatus for the purpose of efficiently producing a variety of surfing waves having a repetition rate and size suitable for surfing. The waves are generated using a controlled up and down motion of mechanical plungers in a way that allows the control of the shape and therefore surf characteristics of the wave. A linear array of plungers is used so that they interact in different ways with bathymetry of the body of water and can be changed to further alter the surfing characteristics of the waves. The motion of the individual plungers can be adjusted so that effects of different wave travel distance to the bathymetry can be compensated for consistent wave characteristics.

Classifications:

International (IPC 8-9): E02B3/00 E02B5/08 E02B7/00 E02B9/00
E02B9/08 E04H4/00 (Advanced/Invention)
CPC: E04H4/0006 Y02E10/28



Family:

Publication number	Publication date	Application number	Application date
US9920544 BA	20180320	US20160362939	20161129

Priority:

US20160362939 20161129

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3) Family number: 58403233 (WO16033671A1) © PatBase

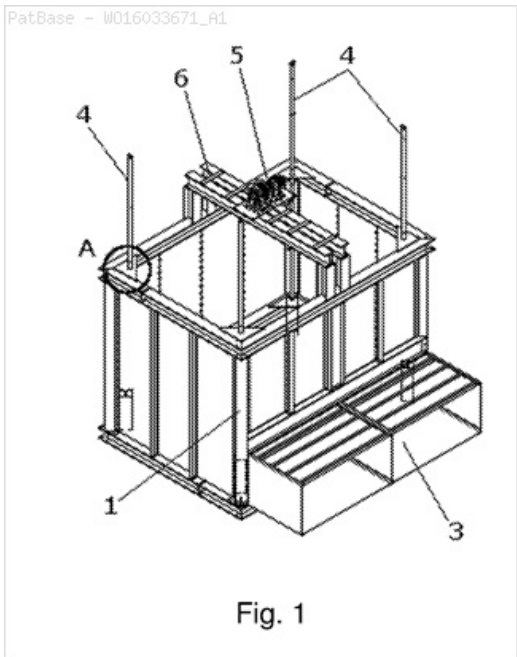
Title: SUSTAINABLE SYSTEM AND PROCESS FOR GENERATING ARTIFICIAL WAVES

Abstract: The present invention relates in general to the sector of swimming pools provided with artificial waves and in general refers to a process and to a device for generating waves with low energy consumption. The solution in question is composed basically of a tower and sliding box, in which the box is raised inside the tower and the weight force thereof will act on the water, expelling a volume via an outlet opening. Furthermore, during the drop, the system recovers some of the energy and reutilizes it in order that the sliding box can be raised again. The solution further utilizes accumulators and/or hydraulic cylinders basically for damping the fall and for braking the sliding box during descent, storing braking energy and, furthermore, actively raising the sliding box. Moreover, by means of these elements and the movement of the sliding box, the energy recovery system acts on the excess pressure generated and directs it to the energy storage module via the accumulators.

Classifications:

International (IPC 8-9): E04H4/00 F03B13/14 F03B15/00
F04D35/00 (Advanced/Invention)

CPC: E04H4/00 F03B13/14 F03B15/00 Y02E10/38 F04D35/00



Family:

Publication number	Publication date	Application number	Application date
BR102014021957 A2	20150106	BR20141021957	20140904
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WO16033671 A1	20160310	WO2015BR50140	20150903

Priority:

BR20141021957 20140904 BR20151320493 20150825

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Inventor(s): PEDRO JOSE MOACIR RANGEL NETO

Agent(s): LEAO BARCELLOS MILTON LUCIDIO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MX MY MZ NA NE NG NI 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

4) Family number: 44432240 (US2010044102A)

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Title: METHODS AND APPARATUS FOR REMOVAL AND CONTROL OF MATERIAL IN LASER DRILLING OF A BOREHOLE

Abstract: There is provided a system, apparatus and methods for removal of material for the path of a laser beam during laser drilling of a borehole and for removal of displaced borehole material from the borehole during laser drilling. In particular, there are provided paths, dynamics and parameters of fluid flows, and apparatus for obtaining such, for use in conjunction with a laser bottom hole assembly.

Classifications:

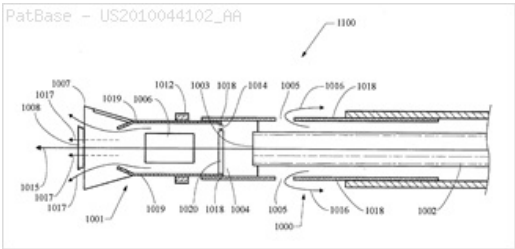
International (IPC 8-9): A61K48/00 B01J19/12 B08B7/00 B08B9/02 B08B9/023 B08B9/027 B08B9/043 B08B9/055 B23K26/00 B23K26/04 B23K26/046 B23K26/06 B23K26/064 B23K26/073 B23K26/08 B23K26/10 B23K26/12 B23K26/122 B23K26/14 B23K26/146 B23K26/16 B23K26/24 B23K26/352 B23K26/36 B23K26/38 B23K26/382 B23K26/40 B23K26/402 B23K26/70 B23K37/02 B23P11/00 B63B17/00 B63B35/28 B63C11/40 B63C11/44 B63C11/48 B63G8/00 B63G8/08 B65H55/00 B65H59/00 E01C23/08 E01C23/12 E02B17/00 E02D17/00 E21B10/00 E21B10/50 E21B10/54 E21B10/60 E21B17/00 E21B17/20 E21B19/00 E21B19/22 E21B21/00 E21B21/08 E21B21/10 E21B21/14 E21B21/16 E21B23/00 E21B23/14 E21B29/00 E21B29/02 E21B29/06 E21B29/08 E21B29/12 E21B33/00 E21B33/038 E21B33/06 E21B33/064 E21B33/12 E21B33/13 E21B34/04 E21B36/04 E21B37/00 E21B37/08 E21B37/08 E21B40/02 E21B40/4 E21B41/00 E21B41/04 E21B43/00 E21B43/01 E21B43/11 E21B43/114 E21B43/116 E21B43/119 E21B43/24 E21B43/26 E21B43/267 E21B44/00 E21B47/00 E21B47/113 E21B47/12 E21B49/00 E21B7/00 E21B7/12 E21B7/14 E21B7/15 E21B7/16 E21C25/64 E21C27/24 E21C35/00 E21C37/16 E21C37/18 E21C41/00 E21D9/10 F16L23/00 F21V15/01 F21V15/06 F21V29/00 F21V29/15 F21V8/00 G01J1/04 G01M11/00 G01M5/00 G02B6/08 G02B27/14 G02B27/20 G02B6/02 G02B6/14 G02B6/26 G02B6/28 G02B6/32 G02B6/36 G02B6/38 G02B6/42 G02B6/44 H01J27/24 H01J40/14 H01L21/00 H01L31/00 H01L31/02 H01L31/0224 H01L31/0304 H01L31/05 H01L31/054 H01L31/055 H01S3/00 H01S3/042 H01S3/042 H01S3/067 H01S3/08 H01S3/094 H01S3/0941 H01S3/109 H01S3/16 H01S3/23 H01S3/30 H01S5/00 H01S5/022 H01S5/024 H01S5/042 H01S5/40 H02G1/08 H04B10/079 H04B10/80 H05K7/20 (Advanced/Invention); B08B7/00 B23K101/04 B23K103/00 B23K103/10 B60P1/54 B63B19/00 B63B21/00 B63B35/00 B66C23/36 E02B17/00 E21B15/00 E21B23/00 E21B37/00 E21B43/00 E21B43/11 E21B43/116 E21B43/16 E21B49/00 E21B7/04 E21B7/15 G02B23/24 G02B6/32 G02B6/36 G02B6/38 G02B6/42 G02B6/44 G02B6/50 G21C17/017 H01S3/00 H01S3/094 H01S3/16 (Advanced/Non-invention); B65H55/00 E21B17/00 E21B7/00 E21B7/14 G02B6/44 (Core/Invention)

International (IPC 1-7): E21B29/08

CPC: E21B4/18 E21B17/203 E21B21/12 E21B21/16 H01L31/03046 Y02E10/544 H04B10/807 H01L2924/01015 H01L2924/01047 H01L2924/00014 B23K26/36 E21B4/02 E21C25/00 E21D9/08 E01C23/12 E21B44/00 E21B33/076 F17D5/00 B08B9/04 B08B9/0436 B08B7/0071 B08B9/023 B08B9/027 H01L31/0201 H01L31/022433 H01L31/0508 H01L31/054 B08B9/02 B08B9/055 G02B6/502 B23K26/142 B63G2008/007 B63G8/001 E21B41/04 E01C23/127 G01M5/0025 G01M5/0033 G01M5/0091 G01M11/35 Y02E10/52 G02B6/4436 G02B6/4492 E02D17/00 B23K26/0732 E21B17/00 G02B6/02395 B23K26/04 E21B43/119 E21B43/26 G02B26/0875 H01L2924/00011 B23K26/402 E21B43/162 E21B49/00 H01S3/06733 H01S3/0941 G02B6/2817 G02B6/3871 G02B6/3897 H01S3/08 G02B6/3604 E02B17/027 B23K26/03 B23K37/02 B23K26/12 B63B17/00 B63B19/00 B63B21/00 B63B35/00 B63B35/28 E21B19/002 B23K2101/06 B23K2103/04 G02B6/0229 B82Y20/00 F16L41/004 F16L55/46 H01S3/02 G02B23/2492 H01S3/005 H01S3/094003 H01S3/1608 E21B36/00 E21B33/038 E21B19/004 E21B29/12 F16L23/003 G02B6/262 H01S3/042 B23K26/0096 B23K26/046 B23K26/0608 B23K26/0869 B23K26/703 H01S5/0071 H01S5/02296 H01S5/02423 H01S5/042 H01S5/4025 B23K26/0604 B23K26/0676 B23K37/0288 B23K37/0294 B23K26/40 B23K2103/52 E01C23/08 E21C25/64 E21C27/24 E21C37/18 E21D9/1073 G02B6/4402 G02B6/4413 G02B6/4415 G02B6/443 G02B6/4458 Y10T29/49826 B23K26/06 B23K26/382 H01S3/0675 H01S3/094007 H01S3/094015 H01S3/094042 H01S3/094046 H01S3/094092 H01S3/094096 H01S3/09415 H01S3/1616 H01S3/1693 H01S3/1695 H01S3/2383 H01S3/302 H01S3/109 H01S3/1603 G02B6/4417 G02B6/4427 G02B6/14 G02B6/3813 G02B6/3814 G02B6/3818 G02B2006/4297 H01S3/0064 E21B37/00 G02B6/44 E01C23/088 E01C23/128 E21B33/063 E21B34/045 E21B7/12 E21B33/06 E21B33/064 B23K26/1462 B23K26/00 B23K26/24 E02B2017/0052 E02B2017/0095 B23K2101/04 B60P1/5423 B66C23/36 E21B41/00 H01S3/0071 H01S3/04 B23K26/0622 B23K26/0626 B23K26/073 B23K26/0736 B23K26/14 B23K26/1476 B23K26/384 B23K26/386 B23K2103/30 B23K2103/50 E21B21/103 E21B21/00 E21B21/08 E21B43/11 G02B6/32 G02B6/3624 G02B6/4296 B08B7/0042 B08B9/043 B23K26/064 B23K26/0652 B23K26/106 B23K26/1224 B23K26/127 B23K26/146 B23K2103/10 E21B10/60 E21B29/02 E21B36/04 E21B37/08 E21B43/00 E21B43/01 G21C17/017 E21B29/00 E21B33/1204 E21B33/13 E21B23/001 E21C25/66 E21C37/16 B23K26/0093 B23K26/0648 B23K26/10 B23K26/1464 B23K26/38 E21B4/04 E21B7/14 E21B7/15 E21B2023/008

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US: 1/1 114/26 114/312 114/313 114/337 134/1.1 166/242.2 166/250.1 166/280.1 166/288 166/297 166/298 166/304 166/336 166/338 166/341 166/341S 166/358 166/358S 166/361 166/361S 166/363 166/363S 166/364 166/376 166/379 166/379S 166/381 166/381S 166/384 166/385 166/55 166/55.1 166/55.2 166/55.6 166/65.1 166/65.100S 166/66 166/75.11 166/75.110S 166/77.1 166/77.2 175/107 175/11 175/15 175/15P 175/16 175/162 175/16P 175/16S 175/40 175/424 175/5 175/57 175/5S 175/6 175/65 175/65S 175/6S 175/92 175/92S 219/121.61 219/121.67 219/121.670S 219/121.7 219/121.72 219/121.720P 219/121.84 219/60R 219/61 242/159 242/159S 250/215 250/227.11 250/492.1 250/492.100P 254/134.3FT 254/134.3R 254/134.4 29/428 29/428S 299/14 299/29 299/226.2 362/259 362/317 362/553 362/553S 372/14 372/4 372/9 385/100 385/102 385/104 385/109 385/109P 385/111 385/12 385/13 385/134 385/26 385/88 385/89 385/92 385/93 385/94



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Assignee(s): ENERGY UNITED STATES DEPARTMENT OF ; FORO ENERGY INC LITTLETON ; CHEVRON U S A INC ; DEUTSCH PAUL D ; ELY JOHN L

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Inventor(s): BRIAN OFAIRCLOTH ; CHARLES CRINZLER ; DEUTSCH PAUL D ; HENRY A BERGERON ; ERIK C ALLEN ; JOEL FMOXLEY ; MARK SZEDIKER ; PHILIP V CLARK ; ZEDIKER MARK S CASTLE ROCK ; KOLACHALAM SHARATH K SUGAR LAND ; FAIRCLOTH BRIAN O EVERGREEN ; GRUBB DARYL L HOUSTON

Agent(s): SPRUSON AND FERGUSON; CASSAN MACLEAN; CASSAN MACLEAN IP AGENCY INC; BUNGARTZ KLAUS PETER; BUNGARTZ CHRISTOPHERSEN PARTNERSCHAFT MBB PATENTANWALTE; TERSTEEGEN FELIX; BTB IP BUNGARTZ BALTZER PARTNERSCHAFT MBB PATENTANWALTE; BUNGARTZ CHRISTOPHERSEN PARTNERSCHAFT MBB PATENTANWALTE; SABA AND CO TMP; SAUD M A SHAWWAF LAW OFFICE; ITOH SHIGERU; BRINKS HOFER GILSON AND LIONE; FORO ENERGY BHGL; FORO ENERGY/BHGL; GLEN; STEPTOE AND JOHNSON LLP; GLEN P; STEPTOE AND JOHNSON; BRIAN; STEPTOE AND JOHNSON LLC; BELVIS LAW LLC; BELVIS GLEN P; FREEMAN JOHN C; BELVIS GLEN P ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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 JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK 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

5) Family number: 57419281 (US2014274658A)

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Title: POLYSILOCARB MATERIALS AND METHODS

Abstract: Silicon (Si) based materials and methods of making those materials. More specifically, methods and materials having silicon, oxygen and carbon that form filled and unfilled plastic materials and filled and unfilled ceramics.

Classifications:

International (IPC 8-9): A61K8/25 A61K8/89 A61Q3/02 B01D39/20 B01D53/22 B01D67/00 B01D71/04 B01J2/02 B01J2/04 B01J2/06 B24D3/00 B24D3/04 B24D3/28 B28B11/16 B28B11/24 B28B3/26 B82Y30/00 C01B31/18 C01B31/20 C01B31/30 C01B31/36

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C01B33/021 C01B33/037 C01B33/113 C03B23/00 C04B33/135
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C04B2235/5436 C04B2235/6581 C04B2235/72 C04B2235/77 C04B2235/96 C08G77/12 C08G77/20 C08G77/50 C08G77/80
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US: 1/1 106/197.01 106/203.3 106/217.7 106/285 106/287.13 106/31.68 106/31.69 106/475 106/482 106/491 106/504
117/101 166/105 166/179 166/208 166/242.1 166/243 166/280.2 166/335 166/367 166/381 166/75.11 175/425 252/601
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PatBase - US2014274658_AA

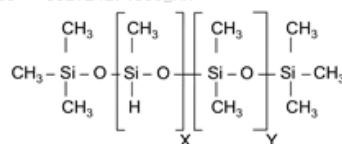


FIG. 1

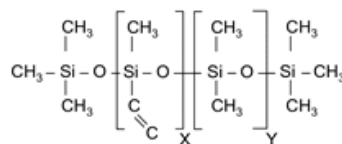


FIG. 2

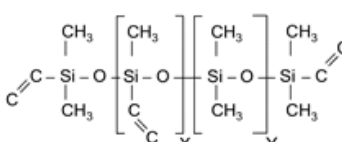


FIG. 3

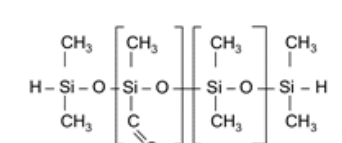


FIG. 4

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Probable Assignee: PALLIDUS INC

Assignee(s): (std): BRICCO BRUCE A ; DIWANJI ASHISH P ; DUKES DOUGLAS ; DUKES DOUGLAS M ; DYK THOMAS ; ELY JOHN ; HOPKINS ANDREW ; HOPKINS ANDREW R ; KEITH GEORGE ; LAND MARK ; LAND MARK S ; MELIOR TECH INC ; MELIOR TECHNOLOGY INC ; MOELLER TIM C ; MOELLER TIMOTHY ; MOELLER TIMOTHY C ; MOLNAR MICHAEL ; MUELLER MICHAEL ; MUELLER MICHAEL J ; PALLIDUS INC ; PALLIDUS INC ; BENAC BRIAN ; BENAC BRIAN L ; MELIOR INNOVATIONS ; MELIOR INNOVATIONS INC ; SHERWOOD WALTER ; SHERWOOD WALTER J ; WILDING JR OLIVER

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Inventor(s): MARK LAND ; MICHAEL MUELLER ; ANDREW HOPKINS ; THOMAS DYK ; TIMOTHY MOELLER ; WALTER SHERWOOD ; SANDGREN GLENN ; SHERVUD WALTER DZH ; OLIVER WILDING ; LEND MARK S ; HOPKINS ENDRYU R ; GEORGE KEITH ; JOHN ELY ; DUKES DOUGLAS M ; DOUGLAS DUKES ; DIVANDZHI ASHISH P ; BRIAN BENAC ; BENAC BRIAN L

Agent(s): SPRUSON AND FERGUSON; CASSAN MACLEAN; CASSAN MACLEAN IP AGENCY INC; BUNGARTZ CHRISTOPHERSEN PARTNERSCHAFT MBB PATENTANWALTE; BUNGARTZ CHRISTOPHERSEN PARTNERSCHAFT MBB PATENTANWALTE; BUNGARTZ CHRISTOPHERSEN MBB; ITOH SHIGERU; YURIDICHESKAYA GORODISSKII I PARTNERY OOO FA; STEPTOE AND JOHNSON LLP; GLEN P; BELVIS LAW LLC; BELVIS GLEN P; BELVIS GLEN P ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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 JO JP KE KG KH KM KN KP KR KW 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

6) Family number: 28209288 (US2002082097A)

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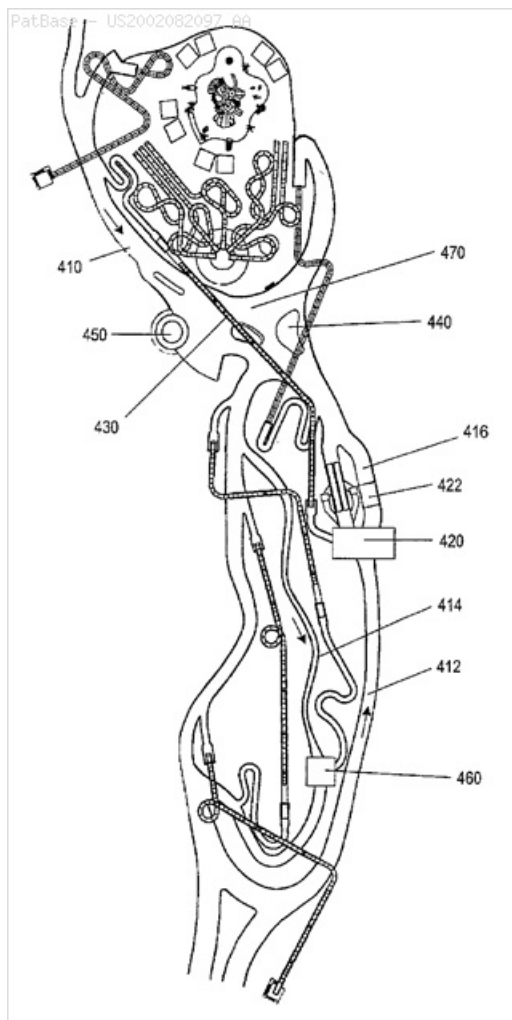
Title: WATER AMUSEMENT SYSTEM AND METHOD

Abstract: A water transportation system and method are described, generally related to water amusement attractions and rides. Further, the disclosure generally relates to water-powered rides and to a system and method in which participants may be actively involved in a water attraction. This transportation system comprises at least two water stations and at least one water channel connecting the at least two water stations for the purpose of conveying participants between the at least two water stations. In addition, the water transportation system may include conveyor belt systems and water locks configured to convey participants from a first source of water to a second source of water which may or may not be at a different elevation.

Classifications:**International (IPC 8-9):** A63G21/18 A63G3/00 A63G3/02

A63G31/10 (Advanced/Invention);

A63G21/00 A63G31/00 (Advanced/Non-invention)

International (IPC 1-7): A63G21/18 A63G3/00 A63G3/02**CPC:** A63G3/02 A63G21/18**European:** A63G21/18 A63G3/02**US:** 104/70 472/117 472/117P 472/128 472/13 472/13P**Family:**

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Probable Assignee: HENRY SCHOOLEY AND ASSOCIATES LLC

Assignee(s): (std): NBGS INTERNAT INC ; NBGS INTERNATIONAL INC ; SCHOOLEY JOHN ; SCHOOLEY JOHN T ; WATER RIDE CONCEPTS INC ; SCHOOLEY JOHN TIMOTHY ; NBGS INT INC ; HENRY JEFFERY W ; HENRY JEFFERY WAYNE

Assignee(s): HENRY JEFFERY W ; HENRY SCHOOLEY AND ASSOCIATES LLC ; NBGS INT ; HENRY JEFFERY WAYNE

Inventor(s): (std): HENRY JEFFERY W ; HENRY JEFFERY WAYNE ; HENRY JEFFERY W ; SCHOOLEY JOHN ; SCHOOLEY JOHN TIMOTHY ; HENRY WAYNE ; SCHOOLEY JOHN T ; HENRY JEFFERY WAYNE

Inventor(s): HENRY JEFFERY ; JOHN SCHOOLEY ; JEFFERY WAYNE HENRY ; JEFFERY W HENRY ; JEFFERY W HENRY

Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; GOUDREAU GAGE DUBUC; LAVERY DE BILLY LLP; MEYERTONS HOOD KIVLIN KOWERT AND GOETZEL PC; ERIC B; MEYERSTONS ERIC B; MEYERTONS ERIC B

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 DZ EC EE 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 NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

7) Family number: 65616290 (US2018320395A)

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Title: WAVE GENERATOR SYSTEM WITH A LATERAL MOVING WAVE BARRIER FOR THE GENERATION OF WAVES IN TWO AREAS OF WATER

Abstract: Wave generator system (1), comprising a continuous and elongated barrier (4) that has a front side (4a) facing a first mass of water (2) fitted with a first reef (12) and a rear side (4b) facing a second mass of water (3) fitted with a second reef (15). The barrier (4) can move along the length (L) with a serpentine movement, and the front (4a) and rear sides (4b) push water from the masses of water (2, 3) towards the respective reefs (12, 15) for the formation of waves in the first mass of water (2) and in the second mass of water (3).

Classifications:

International (IPC 8-9): A47K3/10 A63B69/00 A63B69/12

A63C19/10 A63G A63G31/00 E02B3/00 E04H

E04H4/00 (Advanced/Invention);

A63G (Subclass/Invention)

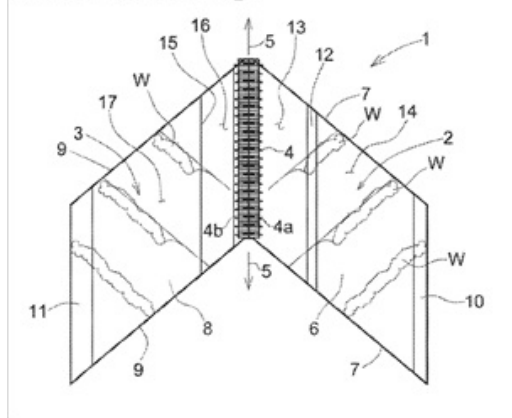
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A63B2225/60

US: 1/1 405/79

PatBase - US2018320395_AA



Family:

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MA42572 A1	20181130	MA20160042572	20161103
MA42572 B1	20190329	MA20160042572	20161103
MX2018005093 A1	20190516	MX20180005093	20161103
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PE20180924 A1	20180607	PE20180000729	20161103
PH2018500961 A	20181112	PH20180500961	20180503
SG11201803736Q A1	20180628	SG20181103736	20161103
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US10364584 BB	20190730	US20160773269	20161103
WO17077156 A2	20170511	WO2016ES70774	20161103

WO17077156 A3	20171005	WO2016ES70774	20161103
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Priority:

ES20150031602 20151106 ES20160031302 20161007 WO2016ES70774 20161103

Probable Assignee: INSTANT SPORT SL

Assignee(s): (std): INSTANT SPORT S L

Assignee(s): INSTANT SPORT SL ; ODRIOZOLA SAGASTUME JOSE MANUEL

Inventor(s): (std): JOS MANUEL ODRIOZOLA SAGASTUME ; JOSE MANUEL ODRIOZOLA SAGASTUME ; ODRIOZOLA SAGASTUME JOSE MANUEL ; SAGASTUME JOSE MANUEL ODRIOZOLA

Inventor(s): ODRIOZOLA SAGASTUME JOS MANUEL

Agent(s): FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; GOWLING WLG CANADA LLP; ESTUDIO CAREY LTDA; LUIS FELIPE CASTILLO GIBSON; CUETO SENIDA; TRIGO JOSE RAMON; FEDERATION OF HONG KONG IND; NADIA AMBADAR SH; LUZZATTO AND LUZZATTO; ASAMURA PATENT OFFICE PC; BROWDY AND NEIMARK PLLC; TRIGO PECES JOSE RAMON

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 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

8) Family number: 30545299 (US2005120715A)

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Title: HEAT ENERGY RECAPTURE AND RECYCLE AND ITS NEW APPLICATIONS

Abstract: What has been created is a plurality and a variety of processes and a variety of devices correspondingly supportive to each process, wherein, a new partnership between; (1) a heat absorbing radiator compressed air pipes/tubes and (2) a gas turbine engine or a reciprocating piston engine, -is used to recapture and reconvert the, otherwise wasted, heat energies expelled by engines, by factories, by smelting plants, by distillation plants, by chillers/coolers/freezers, by cooking ovens, by lamps/stoves, by trash burners, and the heat energies created by the solar heat on the desert/ocean water, -into electric power and finally into hydrogen-deuterium fuel, -by having the engine's tailpipes submerged in cold compressed air inside the heat absorbing radiator pipes in reverse air flow, to further drive and re-drive the same engine; wherein, in order to capture fusion heat energy the hydrogen bomb is detonated in the deep ocean to catch the flames by the water and the hot water is used to energize the compressed air inside the heat absorbing radiator pipes; wherein, in order to produce fusion energy, an abundant electric arc is passed across liquid deuterium or across gaseous deuterium by the electro-plasma torch and sparkplug in the internal combustion engine, and by detonating a dynamite inside a liquid deuterium; wherein diamond is produced by placing carbon inside the hydrogen bomb; and wherein, deuterium fusion flame is used first in smelting glass to large sizes before running an engine.

Classifications:

International (IPC 8-9): B01D61/10 B63B1/10 B63B1/12 B63B35/00 B63B35/44 B63B39/06 B63B43/06 B63G1/00 B63G8/30 B63H19/02 B63H8/00 B63H9/06 B63H9/10 B63J3/00 B64C31/04 B64C31/06 E02B3/06 F01K13/00 F01K23/10 F01K27/00 F02C1/00 F02C1/05 F02G5/00 F03B13/18 F03D11/04 F03D5/00 F03D5/04 F03D9/30 F03G7/00 F24F1/037 F24F1/039 F24F5/00 F24F6/14 F28C3/06 F28D5/00 (Advanced/Invention);

B63B1/24 B63J1/00 F24F1/00 (Advanced/Non-invention); B01D61/02 B63B1/00 B63B35/00 B63B35/44 B63B43/00 B63H9/00 B63J3/00 E02B3/06 F01K23/10 F01K27/00 F02C1/00 F02G5/00 F03B13/00 F03D5/00 F03G7/00 (Core/Invention)

International (IPC 1-7): B01D61/10 B63B1/700 B63B17/00 B63B35/00 B63B35/44 B63B43/06 B63B7/00 B63H9/10 B63J3/00 B64C31/04 F01K23/10 F03B13/18 F03D5/00 F03D5/02 F03D5/04 F03G7/00 F04B35/00 F24F6/14 F28D5/00

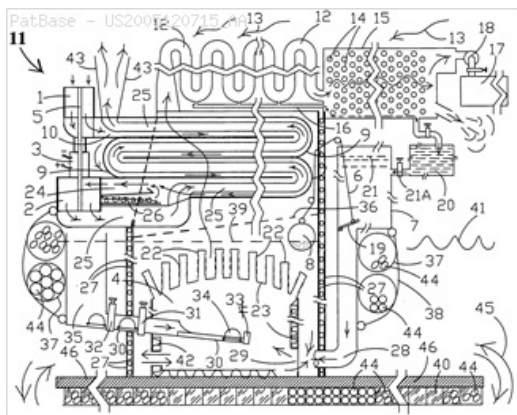
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European: B01D61/10 B63B1/10C B63B1/12B B63B35/00 B63B35/44 B63B39/06 B63B43/06 B63G1/00 B63G8/30 B63H19/02 B63H9/06 B63H9/10 B63J3/00 B64C31/04 B64C31/06 E02B3/06B F01K27/00 F02C1/05 F03B13/18B2D F03D11/04 F03D5/00 F03D5/04 F03G7/00 F24F5/00C7 F24F6/14 F28D5/00 L63B1/24 L63B35/44 L63B35/44E7 L63B35/44E9 L63B39/06R L63B43/06 L63H9/10 L63J1/00 L63J3/00 M02F1/04 P02B17/00M R05B210/18 R05B240/40 R05B240/921 R05B240/922 R05B240/931 R05B260/212 R24F1/00G1 Y02B10/30 Y02B10/50 Y02B30/14 Y02B30/54D Y02E10/38 Y02E10/70 Y02E10/72L Y02E10/72N Y02E20/18 Y02T50/67B2 Y02T50/67F2 Y02T70/59

US: 114/102 114/267 114/382 114/39.1 114/39.2 114/39.26 114/39.29 114/39.31 210/136 210/170 210/259 210/321.87 244/153.00R 244/153R 244/24 405/76 415/5 416/8 417/330 417/332 60/39.01 60/506 60/618 60/618P 60/676 60/698 60/698P 60/772 62/304 62/310 62/314 623/40

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Priority:

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WO2005US26793	20050727				

Probable Assignee: CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST

Assignee(s): (std): GAUDENCIO LABRADOR ; LABRADOR GAUDENCIO A ; LABRADOR GAUDENCIO AQUINO ; LABRADOR GAUDENCIO ; CHRISTION SCHOOL OF TECHNOLOGY ; CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST ; CHRISTIAN SCHOOL OF TECHNOLOGY

Assignee(s): CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATI ; CHRISTION SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATI ; CHRISTION SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST

Inventor(s): (std): LABRADOR GAUDENCIO A ; LABRADOR GAUDENCIO AQUINO ; CHRISTIAN SCHOOL OF TECHNOLOGY

Inventor(s): GAUDENCIO AQUINO LABRADOR ; LABRADOR GAUDENCIO ; GAUDENCIO A LABRADOR ; CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE

Agent(s): ROGER SYN AND CO PATENT AND TRADE MARK ATTORNEYS; MLT AIKINS LLP; FURMAN AND KALLIO; OYEN WIGGS GREEN AND MUTALA LLP; GAUDENCIO AQUINO LABRADOR

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 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

9) Family number: 28247308 (US2002104469A)

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Title: PRECAST MODULAR CONCRETE SHAPES AND METHODS OF INSTALLATION TO FORM SHORELINE STABILIZATION, MARINE AND TERRESTRIAL STRUCTURES

Abstract: Novel precast concrete boxes which can be assembled together and/or with structural shapes disclosed in U.S. Pat. No. 5,697,736 to form waterfront structures such as seawalls, boathouses and the like. The boxes can be sized and proportioned so as to be conveniently assembled in such structures and to be easily transported via intermodal transportation media. Novel methods of waterborne transport and installation of the boxes are disclosed. Shellfish habitats based upon the boxes are also disclosed.

Classifications:

International (IPC 8-9): A01K61/00 B63B3/04 B63B3/08 B63B35/26 B63B35/44 B63B5/18 E02B3/06 E02D27/06 (Advanced/Invention); A01K61/00 B63B3/00 B63B35/14 B63B35/44 B63B5/00 E02B3/06 E02D27/04 (Core/Invention)

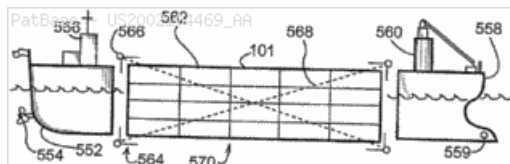
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CPC: E02B3/102 E02B3/108 A01K61/59 A01K61/54 A01K61/70

Y02A10/15 Y02A40/824 Y02A40/822 Y02A40/83 B63B3/04 B63B3/08 B63B5/18 B63B35/26 B63B35/44 B63B2035/4466 B63C1/04 E02B3/06 E02B3/062 E02D27/06

European: A01K61/00B A01K61/00D A01K61/00E B63B3/04 B63B3/08 B63B35/26 B63B35/44 B63B5/18 B63C1/04 E02B3/06 E02B3/06B E02B3/10 E02D27/06 L63B35/44E9

US: 114/258 114/263 114/264 114/267 114/65 114/65.00A 114/65A 114/77 114/77.00R 114/77.00RP 114/77R 119/238 14/23 14/28 14/73 405/15 405/16 405/17 405/23 405/284



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US20100804632	20100726				

Probable Assignee: RESOLVE MARINE GROUP INC

Assignee(s): (std): SE VENTURES INC ; VEAZEY SIDNEY E ; VEAZEY SIDNEY EDWIN

Assignee(s): RESOLVE MARINE GROUP INC
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Inventor(s): SIDNEY E VEAZEY ; VEAZEY SIDNEY
Agent(s): JAMES K POOLE ESQ; JAMES K; POOLE ESQ JAMES K

10) Family number: 24711339 (US2003020667A)

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Title: INFLATABLE MULTI-FUNCTION PARABOLIC REFLECTOR APPARATUS AND METHODS OF MANUFACTURE

Abstract: An inflatable, multifunction, mutipurpose, parabolic reflector apparatus having a plurality of manufactured parabolic mirrors made from a pressure-deformable reflective covering of an inflatable ring for focusing electromagnetic energy from radio frequency radiation (RF) through the ultraviolet radiation (UV) and solar energy for (1) heating and cooking, for (2) electrical power generation, for (3) enhancing the transmission and reception of radio signals, for (4) enhancing vision in low-light environments, and for (5) projection of optical signals or images. The device also has non-electromagnetic uses, such as the collection of water. A first main embodiment utilizes two reflective membranes. A second main embodiment utilizes a reflective membrane and a transparent membrane. Portability is enhanced by complete collapsing of the inflatable device.

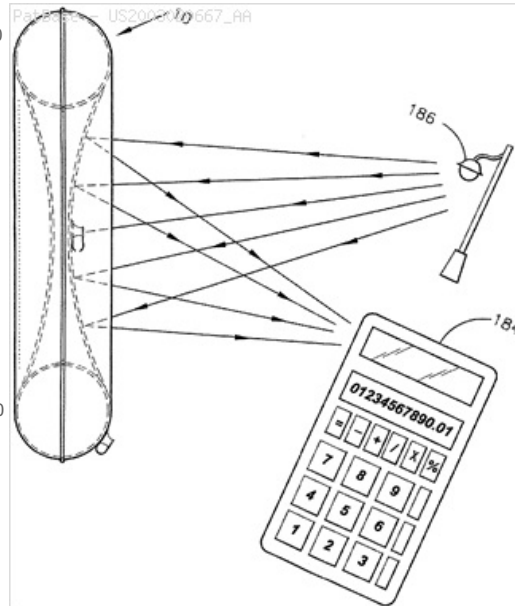
Classifications:

International (IPC 8-9): B01D61/06 C02F1/14 E02B13/00 E04H15/20 E04H15/38 E04H4/14 F21L F21L4/00 F21S11/00 F21S13/12 F21V F21V33/00 F21V5/00 F21V7/18 F24J F24J2/06 F24J2/12 F24J2/36 F24J2/52 F24S20/30 F24S23/00 F24S23/70 F24S23/71 G02B G02B26/08 G02B5/08 G02B5/10 G10K11/28 H01L31/042 H01Q H01Q1/12 H01Q1/34 H01Q15/00 H01Q15/14 H01Q15/16 H01Q15/20 H01Q19/10 H02J7/35 (Advanced/Invention); C02F1/44 F21L4/00 F21V5/00 F21V7/16 F21V7/18 H01Q1/34 H01Q15/00 (Advanced/Non-invention); B01D61/02 C02F1/14 E02B13/00 E04H4/00 F21L4/00 F21S11/00 F21S13/00 F21V33/00 F21V5/00 F24J2/00 F24J2/06 G02B26/08 G02B5/08 G10K11/00 H01Q1/12 H01Q1/27 H01Q15/00 H01Q15/14 H01Q19/10 (Core/Invention); C02F1/44 F21V7/00 (Core/Non-invention); H01Q (Subclass/Invention)

International (IPC 1-7): C02F1/14 E04H15/20 F21L4/00 F21S11/00 F21V33/00 F21V5/00 F21V7/00 F21V7/18 F24J2/02 F24J2/10 F24J2/36 F24J2/38 G02B5/08 G10K11/28 H01L31/042 H01Q1/12 H01Q1/34 H01Q15/00 H01Q15/14 H01Q15/16 H01Q15/20 H01Q19/10
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US: 126/681 126/684 126/697 342/10 342/8 343/709 343/832 343/878 343/912 343/915 4/507 405/52 405/53



Family:

Publication number	Publication date	Application number	Application date
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AU2004297977 AA	20050623	AU20040297977	20041206
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CA2589731 AA	20050623	CA20042589731	20041206
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EP1961071 A2	20080827	EP20050805073	20051020
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JP2007513318 T2	20070524	JP20060542779T	20041206
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Assignee(s): (std): ESSIG J M ; ESSIG JAMES ; ESSIG JAMES M ; ESSIG JAMES MICHAEL ; ESSIG JOHN ; ESSIG JOHN R ; ESSIG JOHN R JR ; ESSIG JOHN RAYMOND ; ESSIG JOHN RAYMOND JR ; ESSIG JR JOHN ; ESSIG JR JOHN R ; ESSIG JR JOHN RAYMOND ; JAMES ESSIG ; JAMES M ESSIG ; JOHN ESSIG ; JOHN R ESSIG ; JOHN R ESSIG JR

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Inventor(s): (std): MICHAEL ESSIG JOHN RAYMOND JR ; ESSIG JOHN RAYMOND JR ; ESSIG JOHN RAYMOND ; ESSIG JOHN R JR ; ESSIG JOHN R ; ESSIG JOHN ; ESSIG JAMES MICHAEL ; ESSIG JAMES M ; ESSIG JAMES ; ESSIG J M ; ESSIG JR JOHN RAYMOND ; ESSIG JR JOHN R

Inventor(s): ESSIG JOHN RJR ; ESSIG JOHN RAYMOND JR ESSIG JAMES MICHAEL ; DESJARLAIS JOHN ; LAZAR GREGORY ; JR ; JOHN RAYMOND JR ESSIG ; JOHN RAYMOND ESSIG JR ; JOHN R JR ESSIG ; JOHN R ESSIG JR ; JOHN R ESSIG ; JAMES MICHAEL ESSIG ; JAMES M ESSIG ; HAMMOND PHILIP

Agent(s): MOLINS AND CO; MOLINS AND CO PTY LTD; SPRUSON AND FERGUSON; ESSIG JAMES M; BERESKIN AND PARR LLP SENCRL SRL; ROBIC; HARRISON IVOR STANLEY; WILLIAMS DAVIS HILL AND CO; GRIFFIN AND SZIPL PC; NATH AND ASSOCIATES; JAMES M ESSIG; NOVICK HAROLD L; HEIMAN LEE C; NATH LAW GROUP; LEE C; HAROLD L

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 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

11) Family number: 46651513 (US2014054032A)

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Title: IN SITU RETORTING AND REFINING OF HYDROCARBONS

Abstract: A method of producing hydrocarbons in situ from a fixed-bed hydrocarbon formation disposed below a ground surface and having a higher permeability zone substantially parallel to, and between a top lower permeability zone and a bottom lower permeability zone. The steps include providing at least one injection well and first and second production wells in the higher permeability zone, injecting a heated thermal-energy carrier fluid (TECF) into the injection well, circulating the carrier fluid through the zone and creating a substantially horizontal situ heating element (ISHE) between the injection well and the production wells for mobilizing the hydrocarbons.

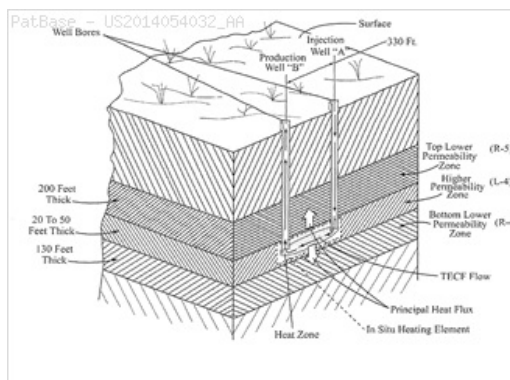
Classifications:

International (IPC 8-9): E21B36/00 E21B36/02 E21B43/24 E21B43/241 E21B43/247 E21B43/30 F04B3/00 (Advanced/Invention); C10G21/00 (Advanced/Non-invention)

CPC: F04C18/16 F04C13/008 F04C29/0007 E21B36/00 E21B43/247 E21B43/2408 E21B43/243 E21B43/26 E21B43/305 E21B43/24

European: E21B43/24 E21B43/243 F04C18/16 F04C29/00B

US: 1/1 166/256 166/272.1 166/272.2 166/272.3 166/272.4 166/272.6 166/302 166/303 166/57 166/59 210/748.01 417/251 417/297 62/179



Family:

Publication number	Publication date	Application number	Application date
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CA2762498 C	20150203	CA20112762498	20111220
CA2788203 AA	20121107	CA20122788203	20120830
CA2788203 C	20131029	CA20122788203	20120830
US2014054032 AA	20140227	US20130071064	20131104
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US7980312 BA	20110719	US20060455438	20060619

US7993110 BA	20110809	US20070899905	20070908
US8091626 BA	20120110	US20100806109	20100806
US8235117 BA	20120807	US20060510751	20060826
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US9085972 BA	20150721	US20120567174	20120806
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US9291043 BA	20160322	US20140158941	20140120
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Priority:

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CA20122788203	20120830	US20130071064	20131104	US20130076180	20131109
US20140158941	20140120				

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Assignee(s): (std): HILL GILMAN A ; AFFHOLTER JOSEPH A

Inventor(s): (std): HILL GILMAN A ; AFFHOLTER JOSEPH A

Agent(s): BORDEN LADNER GERVAIS LLP; EDWIN H; RAMON L

12) Family number: 31419556 (US2003068431A)

© PatBase

Title: ELECTRODE SANDWICH SEPARATION

Abstract: Materials bonded together are separated using electrical current, thermal stresses, mechanical force, any combination of the above methods, or any other application or removal of energy until the bonds disappear and the materials are separated. In one embodiment the original bonding was composed of two layers of material. In another embodiment, the sandwich was composed of three layers. In a further embodiment, the parts of the sandwich are firmly maintained in their respective positions during the application of current so as to be able to subsequently align the materials relative to one another.

Classifications:

International (IPC 8-9): A01N25/34 B05D1/36 B05D3/02 B05D5/12 B23K20/00 B32B15/00 B32B3/00 B32B3/30 C03C25/68 C23C14/34 C23F3/00 C23F4/00 C30B23/02 C30B29/02 C30B33/00 F25B21/00 G03F7/00 H01J1/02 H01J1/13 H01J1/30 H01J1/62 H01J17/30 H01J21/08 H01J45/00 H01J63/04 H01J9/00 H01J9/02 H01J9/04 H01L21/00 H01L21/20 H01L21/30 H01L21/302 H01L21/44 H01L21/48 H01L23/04 H01L29/06 H01L29/08 H01L29/40 H01L29/76 H01L31/00 H01L35/30 H01L37/00 H01L39/22 H01R3/00 H01R9/00 H01S5/00 H02N10/00 H02N2/00 H02N2/06 H02N3/00 H02N6/00 (Advanced/Invention); H01J45/00 H01L51/00 H01L51/40 H05K3/30 (Advanced/Non-invention); A01N25/34 B05D1/36 B05D3/02 B05D5/12 B23K20/00 B32B15/00 B32B3/00 B32B3/30 C23F3/00 C23F4/00 C30B23/02 C30B29/02 C30B33/00 F25B21/00 G03F7/00 H01J1/00 H01J1/02 H01J1/13 H01J1/30 H01J17/02 H01J21/00 H01J45/00 H01J63/00 H01J9/00 H01J9/02 H01J9/04 H01L21/00 H01L21/02 H01L23/02 H01L29/02 H01L29/40 H01L29/66 H01L35/28 H01L37/00 H01L39/22 H01R3/00 H01R9/00 H02N10/00 H02N2/00 H02N2/02 H02N3/00 H02N6/00 (Core/Invention); H01L51/00 H01L51/05 H05K3/30 (Core/Non-invention)

International (IPC 1-7): B05D1/36 B05D3/02 B05D5/12 B21B45/00 B28B7/16 B28B7/20 B31D3/00 B32B15/00 B32B3/26 B32B3/30 C03C25/68 C23C14/34 C23F3/00 C25C C25F3/02 F25B21/00 G03C5/00 G11B7/26 G25F3/02 H01J1/62 H01J17/30 H01J21/08 H01J45/00 H01J63/04 H01J9/04 H01L21/00 H01L21/20 H01L21/302 H01L21/44 H01L21/461 H01L29/06 H02N H02N10/00 H02N2/00 H02N3/00

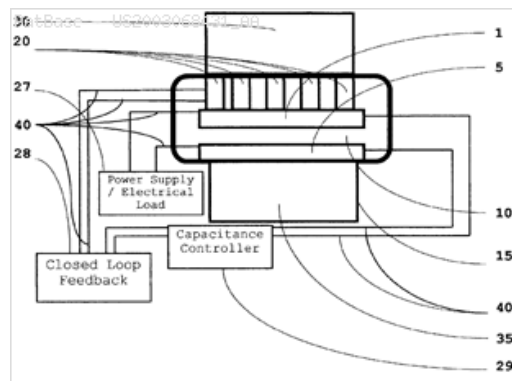
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European: A01N25/34 B23K20/02 B81C1/00C4B B81C1/00D99 B81C1/00F B81C1/00F2R10 B82Y10/00 B82Y30/00 B82Y40/00 C30B23/02 C30B29/02 C30B33/00 F25B21/00 G03F7/00A H01J1/02 H01J1/30 H01J21/04 H01J21/08 H01J45/00 H01J9/02 H01J9/02B H01L21/18B2 H01L21/329B2 H01L21/48C4S H01L23/04 H01L23/051 H01L29/12W4 H01L29/417 H01L29/88 H01L37/00 H01L39/22C L23K203/14 L81B201/02R L81C201/01F9 L81C203/03Z R25B321/003 R25B400/15 T01L31/0352 T01L37/00 T01L51/00A8 T01L51/40H Y02B30/66

US: 136/200 136/205 136/243 216/11 216/40 216/54 216/54S 216/56 216/56S 216/66 216/67 228/115 228/115P 249/114.1 249/114.100P 249/115 249/115S 249/52 249/52S 257/10 257/17 257/17P 257/36 257/36P 257/371 257/622 257/622S 257/623 257/623S 257/63 257/63S 257/734 257/734P 257/781 257/781S 257/9 257/9P 257/E21.088 257/E21.09 257/E23.181 257/E29.071 257/E29.071S 257/E29.112 257/E31.032 257/E31.032S 257/E39.014 257/E39.014S 29/25.01 29/25.010S 29/25.02 29/825 29/825S 29/831 29/840 29/842 29/847 310/306 310/306P 310/369 313/310 313/498 313/498P 313/506 322/2R 372/43.01 372/43.010S 372/46.01 372/46.010S 427/123 427/123S 427/250 427/372.2 427/402 427/455 427/58 427/600 427/97.2 427/97.3 427/97.7 427/98.8 427/99.3 428/209 428/209P 428/600 428/687 430/11 430/199 430/296 430/302 430/310 430/321 430/9 438/141 438/20 438/380 438/597 438/597S 438/669 438/669S 438/672 438/672S 438/689 438/72 438/720 438/720S 438/722 438/722S 438/763 438/763S 438/778 438/778S 438/979 445/67 62/3.1 62/3.2 62/3.3 62/31 62/32 62/33 977/755 977/755S 977/781 977/781S 977/782 977/810

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Priority:

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Assignee(s): (std): BIBILASHVILI AMIRAN ; BOREAII TECHNICAL LTD ; CLIBADZE MALKHAZ ; COX ISALIAH W ; COX ISALIAH WATAS ; COX RODNEY T ; VARDOSANIDZE LASHA ; TSAKADZE LERI ; TAVKHELIDZE AVTO ; TALIAHVILI ZAZA ; TALIAHVILI ZARA ; KLIBADZE MALKHAZ ; HARBRON STUART ; GELLER ROCHEL

; EDELSON JONATHAN S ; BOREALIS TECHNICAL LTD ; EDELSON JONATHAN SIDNEY ; HAMMER
MICHAEL DOV ; JANGIDZE LARISSA ; VEPKHAVADZE MISHA ; BOREALIS TECH LTD

Assignee(s): BOREALLS TECHNICAL LIMTIED ; BOREAIIS TECHNICAL LIMITED ; BOREALIS TECHNICAL LIMITED ;
EDELSON JONATHAN SIDENY ; BOREALIS TECHNICAL LIMITED

Inventor(s): (std): COX ISIAIAH WATES ; EDELSON JONATHAN ; EDELSON JONATHAN SIDENY ; HAMMER MICHAEL DOV ;
JANGIDZE LARISSA ; COX RODNEY T ; BIBILASHVILI AMIRAN ; ZAZA TALIAISHVILI ; STUART
HARBON ; JONATHAN SIDNEY EDELSON ; ISIAIAH WATAS COX ; AVTO TAVKHELIDZE ; VEPKHAVADZE
MISHA ; VARDOSANIDZE LASHA ; TSAKADZE LERI ; TAVKHELIDZE AVTO ; TALIAISHVILI ZAZA ;
TALIAISHVILI ZARA ; SKHILADZE GIVI ; KLIBADZE MALKHAZ ; HARBON STUART ; GELLER ROCHEL ;
EDELSON JONATHAN SIDNEY ; EDELSON JONATHAN S ; COX RODNEY THOMAS ; COX ISIAIAH WATAS ;
COX ISIAIAH W ; CLIBADZE MALKHAZ ; BOULEVARD

Inventor(s): COX ISIAIAH ; MISHA VEPKHAVADZE ; COX RODNEY

Agent(s): SHELSTON IP PTY LTD; SHELSTON IP; BOREALIS TECHNICAL LTD; BOREALIS TECHNICAL LIMITED

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
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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

13) Family number: 43458567 (US2005215764A)

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Title: BIOLOGICAL POLYMER WITH DIFFERENTLY CHARGED PORTIONS

Abstract: A biological polymer assembly with a biological polymer that contains at least 90 percent of tubulin and a positively charged segment. The positively charged segment has a molecular weight of at least about 5,000 Daltons, a bulk electrical conductivity of at least about 10^{-7} ohms⁻¹ meter⁻¹ Siemens, a concentration of elemental charges per cubic centimeter of from about 10^{12} to about 10^{25} , and a length of at least about 2 nanometers.

Classifications:

International (IPC 8-9): C07K14/435 C07K14/47

G01N33/543 (Advanced/Invention);

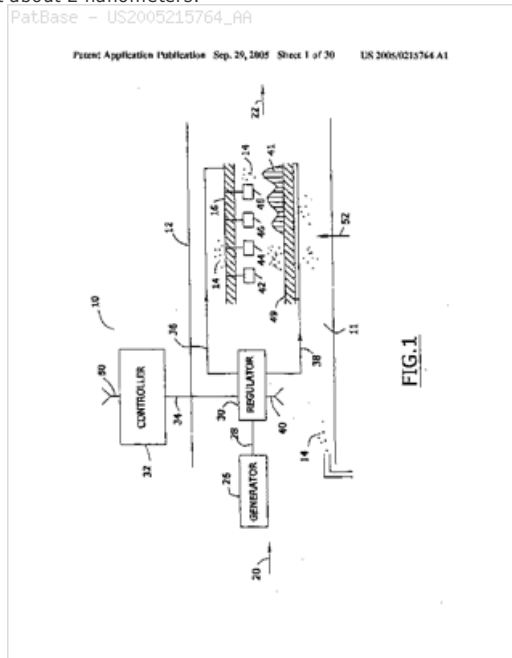
G01N33/543 (Core/Invention)

International (IPC 1-7): C07K14/47

CPC: C07K14/435 C07K14/47 G01N33/5438

European: C07K14/435 C07K14/47 G01N33/543K2B

US: 530/358



Family:

Publication number	Publication date	Application number	Application date
US2005215764 AA	20050929	US20050060868	20050218

Priority:

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US20040923615 20040820 US20050060868 20050218

Probable Assignee: TECHNOLOGY INNOVATIONS LLC

Assignee(s): (std): GOSS KENDRICK ; GREENWALD HOWARD J ; TUSZYNSKI JACK A

Assignee(s): TECHNOLOGY INNOVATIONS LLC

Inventor(s): (std): GOSS KENDRICK ; GREENWALD HOWARD J ; TUSZYNSKI JACK A

Inventor(s): GREENWALD HOWARD ; TUSZYNSKI JACK

Agent(s): HOWARD J GREENWALD PC

14) Family number: 43458578 (US2005249667A)

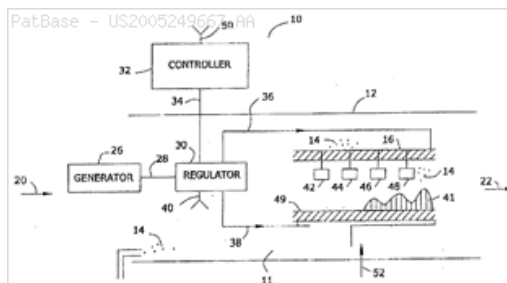
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Title: PROCESS FOR TREATING A BIOLOGICAL ORGANISM

Abstract: A process for treating cells within a biological organism in which sonic energy is focused on cells within a biological organism while the frequency and/or the power level of such energy is varied. In addition there is provided a process for synergistically combining sonic energy and other forms of energy, or other therapeutic agents, in the treatment of cells in living organisms. Furthermore there is provided a process for assaying the efficacy of other therapeutic agents with sonic energy.

Classifications:

International (IPC 8-9): A61B5/055 A61N7/00
H01S1/06 (Advanced/Invention)
International (IPC 1-7): A61B5/055 H01S1/06
CPC: A61B8/08 A61N7/00
European: A61B8/08 A61N7/00
US: 424/9.3 424/9.300P



Family:

Publication number	Publication date	Application number	Application date
US2005249667 AA	20051110	US20050147125	20050607

Priority:

US20040808618 20040324	US20040867517 20040614	US20040878905 20040628
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Probable Assignee: TECHNOLOGY INNOVATIONS LLC

Assignee(s): (std): FRITZ GAROLD F ; GOSS KENDRICK ; GREENWALD HOWARD J ; TUSZYNSKI JACK A

Assignee(s): TECHNOLOGY INNOVATIONS LLC

Inventor(s): (std): FRITZ GAROLD F ; GOSS KENDRICK ; GREENWALD HOWARD J ; TUSZYNSKI JACK A

Inventor(s): FRITZ GAROLD ; TUSZYNSKI JACK ; GREENWALD HOWARD

Agent(s): HOWARD J GREENWALD PC

15) Family number: 45001603 (US2010124459A)

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Title: SURFACE GRAVITY WAVE GENERATOR AND WAVE POOL

Abstract: A surface gravity wave generator and wave pool is disclosed. A wave pool is formed of opposing side walls and a center channel of water. The channel includes a bottom contour with a depth that runs from a deep end to a shoal or beach. One or more three-dimensional foils are vertically arranged along at least one side wall, and moved against the water in the channel. Each foil has a curvilinear cross-sectional geometry that defines a leading surface that is adapted to generate a wave in water moving past the leading surface, and a trailing surface configured for flow recovery to avoid separation of the flow of water in the wave and to mitigate drag from the foil from the water moving past the leading surface.

Classifications:

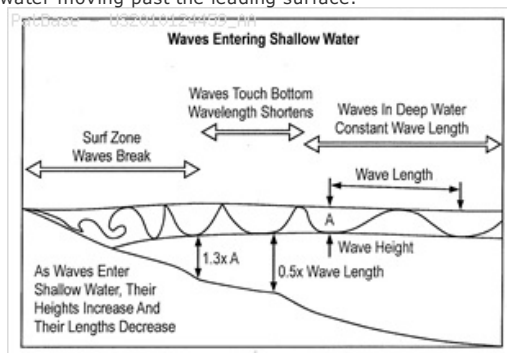
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A63B69/12 A63G A63G31/00 A63H23/16 E02B3/00 E04H E04H4/00
E04H4/12 (Advanced/Invention);
A63B69/00 E04H4/12 (Advanced/Non-invention);
A63B69/00 A63B69/12 E02B3/00 E04H4/00 (Core/Invention);
A63B E04H (Subclass/Invention)

International (IPC 1-7): A63B69/00 A63B69/12 E04H4/00

CPC: E04H4/1245 A47K3/10 A63B69/0093 A63G31/007 E04H4/0006
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European: E04H4/00A K63B69/00U

US: 1/1 4/491 405/79 405/79P 472/128



Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: KELLY SLATER WAVE CO LLC

Assignee(s): (std): FINCHAM ADAM ; KELLY SLATER WAVE CO LLC ; KELLY SLATER WAVE COMPANY LLC ; SLATER KELLY ; LLC KELLY SLATER WAVE CO ; KELLY SLATER WAVE CO

Assignee(s): KELLY SLATER WAVE CO LLC LOS ANGELES ; KELLY SLATER WAVE CO LLC SOLANA BEACH

Inventor(s): (std): KELLY SLATER ; SLATER KELLY ; ADAM FINCHAM ; FINCHAM ADAM ; LLC KELLY SLATER WAVE CO

Inventor(s): KELLY SLATER WAVE CO LLC ; FINCHAM ADAM LOS ANGELES ; SLATER KELLY LOS ANGELES ; SLATER KELLY SOLANA BEACH

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; SPRUSON AND FERGUSON; CULLENS PTY LTD; PHILLIPS ORMONDE FITZPATRICK; SMART AND BIGGAR; MUELLER BORE AND PARTNER PATENTANWALTE PARTG MBB; MUELLER BORE AND PARTNER PATENTANWALTE; MUELLER BORE AND PARTNER PATENTANWALTE; MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO LLP; SLINGSBY PARTNERS LLP; PONS ANGEL; ELZABURU SLP ELZABURU SLP; EMILY YIP AND CO; MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC; MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC; CLEARY JAMES P ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN 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

Abstract: A wireless power receiver includes a rectifier coupled to an antenna. The antenna receives a wireless power signal, and converts the signal to a direct current input signal. A direct current-to-direct current converter generates a direct current output signal based in part on the direct current input signal and a pulse-width modulation signal. A pulse modulator is configured to adjust an alternating current impedance of the wireless power receiver by modifying, based in part on the direct current input signal, a duty cycle of the pulse-width modulation signal to the direct current-to-direct current converter. A monitoring device is in communication with the rectifier and the pulse modulator. The monitoring device has one or more sensors and a unique user ID. The one or more sensors acquire user information selected from of at least one of, a user's activities, behaviors and habit information. ID circuitry is at the monitoring device.

Classifications:

International (IPC 8-9): A44C5/00 A44C5/20 A61B10/00 A61B5/00

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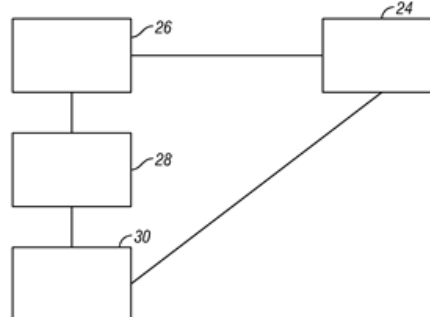
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Locarno class: 11/01

Family:

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Priority:

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Probable Assignee: FITBIT INC

Assignee(s): (std): HELLO INC ; PROUD JAMES ; SHOOK ROBERT ; FITBIT INC

Assignee(s): HELLO ASSIGNMENT FOR BENEFIT OF CREDITORS LLC

Inventor(s): (std): FULTON JOHN ; FUSI DANIELE ; HELLO INC ; KELLEY JOHN ; PROUD JAMES ; SHOOK ROBERT ; MORSHIGE KEVIN ; JOSEPH BENJAMIN ; JOHNSON CHRIS ; FERNANDEZ JOAQUIN ; FAN BRYAN ; ASGARIAN HAMID

Agent(s): PAUL; MINTZ; MINTZ LEVIN; MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC; BEYER LAW GROUP LLP; HOGAN LOVELLS US LLP; DAVIS PAUL ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC 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

17) Family number: 43458650 (WO07050135A2) © PatBase

Title: PROCESS FOR TREATING A BIOLOGICAL ORGANISM

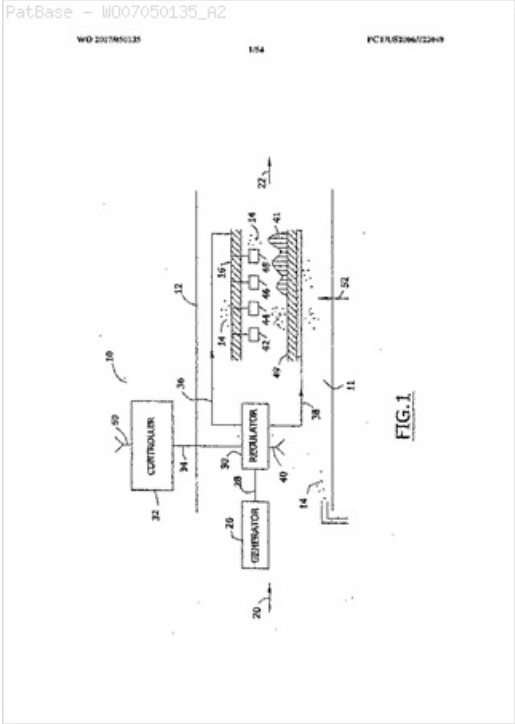
Abstract: A process for treating cells within a biological organism in which sonic energy is focused on cells within a biological organism while the frequency and/or the power level of such energy is varied. In addition there is provided a process for synergistically combining sonic energy and other forms of energy, or other therapeutic agents, in the treatment of cells in living organisms. Furthermore there is provided a process for assaying the efficacy of other therapeutic agents with sonic energy.

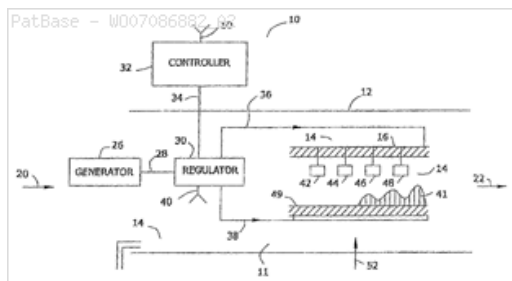
Classifications:

International (IPC 8-9): A61B5/055 A61B8/00 A61K9/26 A61N1/00 A61N7/00 H01S1/06 (Advanced/Invention)

CPC: A61B8/08 A61N7/00

European: A61B8/08 A61N7/00





Family:

Publication number	Publication date	Application number	Application date
WO07086882 A2	20070802	WO2006US05264	20060215
WO07086882 A3	20080221	WO2006US05264	20060215

Priority:

US20050060868 20050218

Probable Assignee: TECHNOLOGY INNOVATIONS LLC

Assignee(s): (std): GOSS KENDRICK ; GREENWALD HOWARD J ; TECHNOLOGY INNOVATIONS LLC ; TUSZYNSKI JACK A

Inventor(s): (std): GREENWALD HOWARD J ; TUSZYNSKI JACK 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 GW HR HU ID IE IL IN IS IT JP KE KG KM KN 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

19) Family number: 43176711 (US2009101552A)

© PatBase

Title: MANIFOLDS FOR USE IN CONDUCTING DIALYSIS

Abstract: The present invention is directed to novel systems for conducting the filtration of blood using manifolds. The manifolds integrate various sensors and have fluid pathways formed therein to direct fluids from various sources through the requisite blood filtration or ultrafiltration system steps.

Classifications:

International (IPC 8-9): A61B5/00 A61M A61M1/00 A61M1/10 A61M1/14 A61M1/16 A61M1/28 A61M1/34 A61M1/36 A61M1/16 A61M37/00 A61M39/08 A61M39/22 A61M5/142 A61M5/168 B01D B01D11/00 B01D35/00 B01D35/06 B01D35/30 B01D61/00 B01D61/14 B01D61/18 B01D61/20 B01D61/22 B01D61/24 B01D61/26 B01D61/28 B01D61/30 B01D61/32 B01D61/34 B01D61/42 B01D65/00 C02F1/44 F01D1/04 F01D25/12 F01D25/24 F02C6/04 F02C6/08 F02C7/141 F02C7/143 F04B43/12 F04D29/32 F04D29/58 F15D1/00 F16K11/02 F16K31/12 F16K31/06 F16K31/08 F16K31/56 F16K37/00 F16K43/00 F16K51/00 F16K7/16 F16L37/00 F16L55/18 F17D3/00 G01F1/66 G01F1/68 G01N27/22 G01N33/487 G01P3/36 (Advanced/Invention); A61M1/14 A61M1/16 A61M1/36 B01D61/24 B01D61/28 B01D61/30 F01D5/08 F02C7/18 (Advanced/Non-invention); A61B5/00 A61M1/14 A61M1/28 A61M37/00 B01D61/24 B01D65/00 F16K31/06 F16K31/08 F16K43/00 F16K51/00 F16L55/18 G01F1/66 G01F1/68 (Core/Invention); A61M B01D (Subclass/Invention)

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Inventor(s): HERING MARTIN SANTA CLARA ; NOLAN TAM OCEANSIDE ; KELLY BRIAN THOMAS ANAHEIM HILLS ; HUANG ALEC IRVINE ; FULKERSON BARRY NEIL LONGMONT ; CHARLES E CLEMENS ; BARRY FULKERSON ; DAVID MISHELEVICH ; JAMES R BRAIG ; ZWIERSTRA JAN ; T JOSEPH RUSSELL ; THOMAS P ROBINSON ; RUSSELL T

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WRAYS; DAVIES COLLISON CAVE PTY LTD; WRAYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; BERESKIN AND PARR LLP SENCRL SRL; FISH AND RICHARDSON PC; WILSON ALAN STUART; CARVAJAL Y URQUIJO ISABEL; CONROY JOHN; LECKEY DAVID HERBERT; DEHNS; BIRDI SANDEEP SINGH; MALONE LAURIS ELAINE; OBRIEN LISA; LIU SHEN AND ASSOCIATES; IT AND T INTELLECTUAL PROPERTY; DEACONS; PATENTMETRIX; NOVEL IP; CARLSON GASKEY AND OLDS PC; CARLSON GASKEY AND OLDS P C; ANSARI HAZIM; HAZIM ANSARI; ANSARI HASIM; DALAL SONA

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

20) Family number: 43708737 (US2009227161A)

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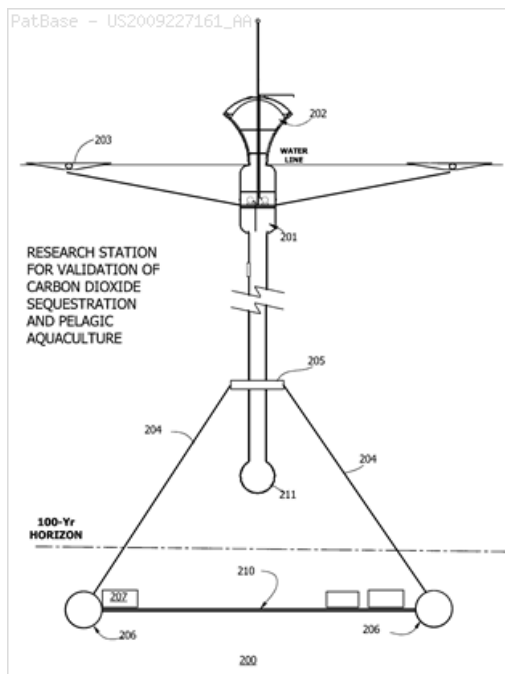
Title: BIOPHYSICAL GEOENGINEERING COMPOSITIONS AND METHODS

Abstract: Described here are compositions, methods and apparatus for biological and physical geoengineering. Disclosed are inorganic particles, prill, pucks, or floats for dispersal on a body of water, the compositions having several properties: 1) positive buoyancy, 2) a sustained-release matrix for delivery of iron, calcium, magnesium, zinc, copper, molybdenum, manganese, cobalt, boron, selenium, vanadium, chromium, nickel, sulfur, nitrogen, phosphorus, silicon, preferably as a combination thereof, at biologically efficacious levels, and synergically, 3) a light-reflective surface for increasing planetary albedo when dispersed over large surfaces. These compositions are found to A) increase yields for pelagic aquaculture, B) increase carbon sequestration, and C) provide immediate relief from global warming by directly increasing surface albedo and indirectly by increasing cloud nucleation activity. A preferred composition comprises a mixture of inorganic salts and binders (such as a glass or ceramic) effective for increasing the growth of primary aquatic producers such as coccolithophorids, diatoms, silicoflagellates, dinoflagellates, and microalgae (and higher trophic levels) in a sustained-release composition having a T1/2 of 0.5-3 years. To validate resultant carbon fixation and sequestration, a vertical spar buoy is provided. The buoy is designed to resist wave motion while supporting a stable long-term platform and submerged spaceframe with laser particle counters suspended below the 100 year horizon. Validation of exsolation energy credits, issuance of an associated financial instrument, and trading markets for those instruments are also described.

Classifications:

International (IPC 8-9): A01G15/00 B01D53/62 B63B22/00
B63B22/20 B63B39/10 C12N1/10 C12N1/12 G01N21/55 G06Q40/00
G06Q40/04 (Advanced/Invention);
B01D53/84 (Advanced/Non-invention);
B01D53/62 B63B22/00 C12N1/10 G01N21/55
G06Q40/00 (Core/Invention)

CPC: B63B22/24 B63B35/44 G06Q40/00 G06Q40/04 A01G15/00 B01D53/84 B01D2259/4558 C12N1/12 Y02P20/59 Y02P60/30 C12N1/00 Y02P60/24 Y02A50/2358
European: A01G15/00 B63B22/24 B63B35/44 C12N1/00 G06Q40/00 G06Q40/04
US: 114/234 356/445 356/445S 435/243 435/243S 435/266 435/266S 441/1 441/29 441/29P 705/35 705/35S 705/37 705/37P 705/37S



Family:

Publication number	Publication date	Application number	Application date
US2009227161 AA	20090910	US20090463409	20090510
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Priority:

US20070009414P 20071229	US20080345661 20081226	US20080345661 20081229
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Probable Assignee: LAMBERT KAL KAREL

Assignee(s): (std): LAMBERT KAL K ; LAMBERT KAL KAREL

Inventor(s): (std): LAMBERT KAL K ; LAMBERT KAL KAREL

Agent(s): K KAREL LAMBERT; LAMBERT PATENT SERVICES LLC; K KAREL

21) Family number: 77074844 (US10519679B)

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Title: PLUNGER ARTIFICIAL WAVE MAKING APPARATUS

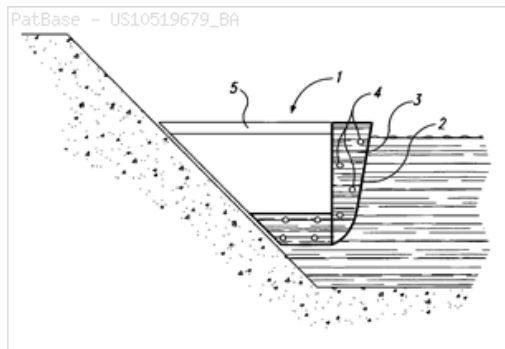
Abstract: A wave making apparatus for creating a surfing wave in a body of water. The waves are generated using a controlled up and down motion of Fiber Glass, (FRP), or EPS Geo Foam Mechanical Plungers in a way that allows the control and shape and therefore surf characteristics of the wave. The plunger wave making apparatus is assembled side by side in a vertically manner on a 45-degree sloped back wall. Water ballast is added to the front and main compartments of the wave making plungers to optimize power requirements to power the plungers up and down to produce the waves into the body of water.

Classifications:

International (IPC 8-9): E04H4/00 (Advanced/Invention);

A63B69/00 (Advanced/Non-invention)

CPC: E04H4/0006 A63B69/0093



Family:

Publication number	Publication date	Application number	Application date
US10519679 BA	20191231	US20180119532	20180831

Priority:

US20180119532 20180831

Probable Assignee: BENNETT WALTER JUDSON

Assignee(s): (std): BENNETT WALTER JUDSON

Inventor(s): (std): BENNETT WALTER JUDSON

Title: METHODS, PRODUCTS, AND SYSTEMS RELATING TO MAKING, PROVIDING, AND USING NANOCRYSTALLINE (NC) PRODUCTS COMPRISING NANOCRYSTALLINE CELLULOSE (NCC), NANOCRYSTALLINE (NC) POLYMERS AND/OR NANOCRYSTALLINE (NC) PLASTICS OR OTHER NANOCRYSTALS OF CELLULOSE COMPOSITES OR STRUCTURES, IN COMBINATION WITH OTHER MATERIALS

Abstract: Methods, apparatus, products, and/or systems relating to making or using nanocrystalline (NC) products comprising a combination of one or more of nanocrystalline cellulose (NCC), nanocrystalline (NC) polymers, nanocrystalline (NC) plastics or other nanocrystals of cellulose composites or structures that have been processed into one or more of solid, flake, particles or other forms with vapor processing, solid state processing, liquid processing or other processing methods that can optionally be combined with other materials for different nanocrystalline (NC) applications, products or uses, and the like.

Classifications:

International (IPC 8-9): A01N25/10 A01N25/30 A61K31/717 A61K49/00 A61L27/34 A61L27/50 A61P17/00 A61P39/00 A61P39/04 C08J3/20 C08L1/02 (Advanced/Invention)

CPC: A01N25/30 A61L27/34 A61L27/50 A61L2400/12 A61P17/00 A61P39/00 A61P39/04 A01N25/10

US: 1/1 504/358

Family:

Publication number	Publication date	Application number	Application date
CA2898513 AA	20170127	CA20152898513	20150727
US2017027168 AA	20170202	US20160220046	20160726

Priority:

CA20152898513 20150727

Probable Assignee: HEATH STEPHAN

Assignee(s): (std): HEATH STEPHAN

Inventor(s): (std): HEATH STEPHAN

Agent(s): MILTONS IP PI

Title: CONTAINERLESS SHEET FLOW WATER RIDE

Abstract: A water ride attraction is disclosed which utilizes a containerless riding surface to eliminate disadvantageous boundary layer effects. A sheet flow of water is directed up the incline to produce a simulated wave. The configuration and contour of the riding surface and the various flow parameters can be widely varied to produce numerous desirable wave conditions.

Classifications:

International (IPC 8-9): A63B69/00 A63C19/00 A63C19/10 A63G21/18 A63G3/00 A63G3/02 A63G3/04 A63G31/00 B63B1/00 B63B1/32 B63B35/00 B63B35/73 B63B35/79 B63B35/85 B63B9/00 E02B3/02 E04H4/00 (Advanced/Invention); A63B69/00 A63G21/18 A63G3/00 A63H23/10 B63B1/00 B63B35/73 E04H4/00 (Advanced/Non-invention); A63B69/00 A63C19/00 A63G21/00 A63G3/00 B63B1/00 B63B35/00 B63B35/73 B63B9/00 E04H4/00 (Core/Invention); A63B (Subclass/Invention)

International (IPC 1-7): A47K3/10 A63B69/00 A63B71/02 A63C19/00 A63C19/10 A63G21/18 A63G3/00 A63G3/04 A63G31/00 A63G31/16 B63B1/00 B63B1/24 B63B1/32 B63B35/00 B63B35/73 B63B35/79 B63B39/03 B63B9/00 E02B3/00 E02B3/02 E02B9/08 E04H3/18 E04H4/00 F04D35/00

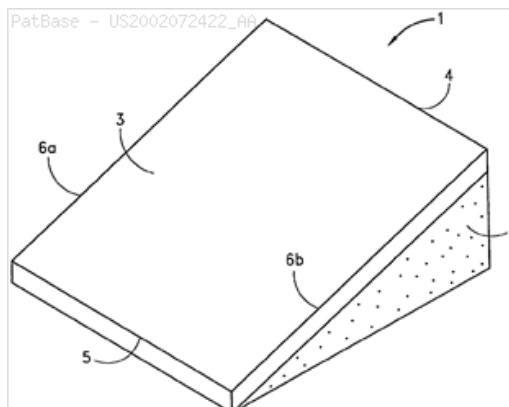
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B63B35/85 E04H4/00A K63B208/12 K63G21/18 L63B1/18S L63B35/85W Y02E10/28

US: 104/70 114/125 114/253 114/274 4/491 405/52 405/79 405/79P 441/65 472/117 472/117P 472/128 472/13 472/88 472/90



Family:

Publication number	Publication date	Application number	Application date
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AT143282 E	19961015	AT19910916366T	19910815
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US20040795799	20040308				

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Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GN GR HU IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SU SZ TD TG TJ TM TR TT UA UG US UZ VN ZW

24) Family number: 44434954 (US2011167819A)

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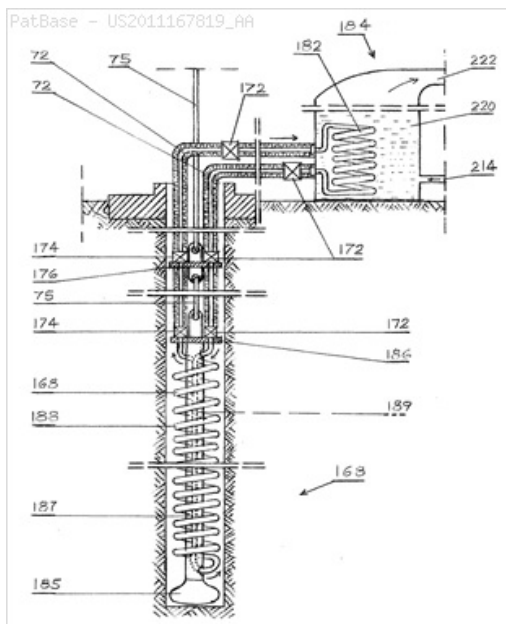
Title: SELF-CONTAINED IN-GROUND GEOTHERMAL GENERATOR

Abstract: A method of using geothermal energy to produce electricity by lowering a geothermal generator deep into a pre-drilled well bore below the Earth's surface. A self contained geothermal generator includes a boiler, a turbine compartment, an electricity generator, a condenser and an electric cable. The condenser includes a distributor chamber, a peripheral chamber and plurality of tubes disposed within the peripheral chamber. The peripheral chamber of the condenser surrounds the turbine, electric generator and distributor chamber departments and is cooled with a separate closed loop system. The condenser cools and converts exhausted steam back in liquid state and returns it back into the boiler for reheating. Water contained within the boiler is converted to high-pressure, super heated steam due to heat from hot rocks contained within a pre-drilled well bore. The steam is used to produce electric energy which is transported up to the ground surface by the electric cable.

Classifications:

International (IPC 8-9): C02F1/04 E02B1/00 F01D15/10 F01K17/02 F01K25/08 F01K25/10 F01K27/00 F01K27/02 F03D9/00 F03G4/00

F03G7/00 F03G7/04 F04D13/06 F24J F24J3/08 F24T50/00 F28D1/047
F28D15/00 G21C15/00 G21C15/18 G21D1/02 H02K7/116
H02K7/18 (Advanced/Invention);
C02F103/00 (Advanced/Non-invention);
F24J3/00 (Core/Invention);
F24J (Subclass/Invention)
CPC: F03G7/04 E02B1/00 Y02E10/10 G21C15/00 C02F1/04
F01K25/08 F01K25/10 Y02E10/46 C02F2103/007 G21C15/18
G21D1/02 H02K7/1823 Y02E10/125 Y02E10/16 Y02E10/18
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F04B47/00 F24S90/00 F24V50/00 F28B1/02 F28D15/00 F28D21/001
C02F1/14 C02F1/16 C02F2103/08 F24S20/20 F24S23/30 F24S23/71
F24S30/425 F24S2025/6003 F03G6/001 F24S25/60
European: H02K7/18A2 Y02B10/30 Y02B10/70 Y02E10/10
Y02E10/72 Y02T10/64B
US: 1/1 165/104.31 165/163 165/45 165/67 202/235 290/1.00CP
290/1.00RS 290/1C 290/1R 290/2 290/2S 290/52 290/52S 290/55
290/55S 376/298 405/52 417/423.1 60/641.1 60/641.2 60/641.200P
60/641.200S 60/641.4



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US20110053029 20110321	US20120655272 20121018	US20140154767 20140114
US20140581670 20141223	US20150961435 20151207	US20180940732 20180329

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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 JO JP KE KG KH 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

25) Family number: 51885971 (DE102011016842B3)

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Title: SYSTEM FOR GENERATING PROGRESSIVE WATER WAVES IN WATER-FILLED BASIN, HAS DISPLACEMENT ELEMENT WHOSE GEOMETRIC SHAPE IS DESIGNED SUCH THAT WATER DISPLACEMENT ASSOCIATED WITH TRANSITION OF DISPLACEMENT ELEMENT IS ANNULAR

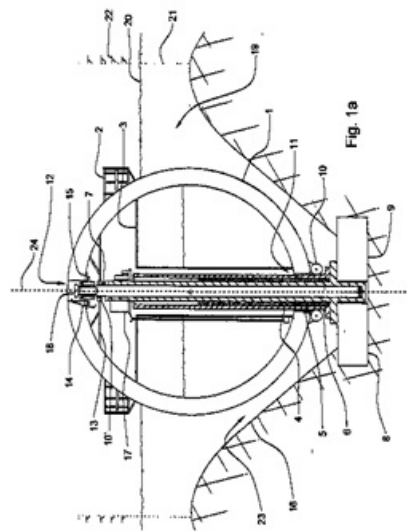
Abstract: The system has displacement element (1) which is movable from initial position in which displacement element at rest is partially or entirely above water surface (20) along vertical axis (24) into end position in which displacement element is located partially below water surface such that single progressive water wave is generated by water displacement associated with transition of displacement element. A returning unit makes displacement element to return from end position to initial position. The geometric shape of displacement element is designed such that water displacement is annular. An independent claim is included for method for generating for progressive water waves in water-filled basin.

Classifications:

International (IPC 8-9): E04H4/12 F04D35/00 (Advanced/Invention)

CPC: A63B69/125 A63B69/0093 F04D35/00 E04H4/0006

European: E04H4/00A F04D35/00



14/19

Family:

Publication number	Publication date	Application number	Application date
DE102011016842 B3	20120906	DE201110016842	20110412

Priority:

DE201110016842 20110412

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Assignee(s):

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Inventor(s): (std):

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