

1) Family number: 48263014 (US2011217692A)

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Title: PHOTOBIOREACTORS, SOLAR ENERGY GATHERING SYSTEMS, AND THERMAL CONTROL METHODS

Abstract: The present invention provides photobioreactors, solar energy gathering systems, and methods for thermal control of a culture medium containing a prototrophic organism in a photobioreactor, that allow temperature control in a cost effective manner, reducing the energy required for temperature control of a culture medium containing phototrophic microorganisms in a photobioreactor.

Classifications:

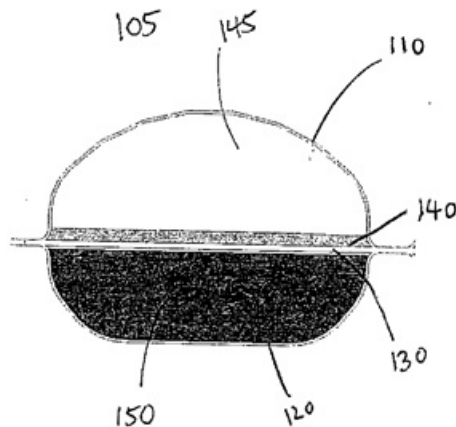
International (IPC 8-9): A01G7/00 A01G9/00 A01H13/00 C12M C12M1/00 C12M1/02 C12M3/00 C12N1/12 C12P1/00 C12Q3/00 (Advanced/Invention); C12M (Subclass/Invention)

CPC: C12M21/02 C12M23/04 C12M23/26 C12M37/00 C12M41/18

European: C12M21/02 C12M23/04 C12M23/26 C12M37/00 C12M41/18

US: 435/257.1 435/289.1 435/292.1 435/292.100S 435/3 435/3P 435/41 47/1.4 47/17

PatBase - US2011217692_AA



Family:

Publication number	Publication date	Application number	Application date
AU2010281397 AA	20110210	AU20100281397	20100728
AU2010281397 BB	20141106	AU20100281397	20100728
AU2015200124 AA	20150205	AU20150200124	20150113
BR112012002146 A2	20150915	BR20121102146	20100728
CN102498200 A	20120613	CN201080031971	20100728
CN102498200 B	20141126	CN201080031971	20100728
EA022616 B1	20160229	EA20120070103	20100728
EA201270103 A1	20120730	EA20120070103	20100728
EP2459694 A1	20120606	EP20100747977	20100728
IL217456 A0	20120229	IL20100217456	20100728
IL217456 A1	20161130	IL20100217456	20100728
IN00329DN2012 A	20150508	IN2012DN00329	20120112
MX2012001126 A1	20120420	MX20120001126	20100728
MY159248 A	20161230	MY20120000408	20100728
US2011217692 AA	20110908	US20100128365	20100728
US2013244320 AA	20130919	US20120651035	20121012
US2014329223 AA	20141106	US20140245502	20140404
US8304232 BB	20121106	US20100128365	20100728
WO11017171 A1	20110210	WO2010US43573	20100728

Priority:

US20090271904P 20090728	US20100322192P 20100408	AU20100281397 20100728
US20100128365 20100728	WO2010US43573 20100728	US20110128365 20110509
US20120651035 20121012	US20140245502 20140404	AU20150200124 20150113

Probable Assignee: JOULE UNLIMITED INC

Assignee(s): (std): JOULE UNLIMITED TECH INC ; JOULE UNLIMITED TECHNOLOGIES INC ; MORGAN FREDERICK W ; VAN WALSEM JOHAN ; JOULE UNLTD INC ; WALSEM JOHAN VAN ; MORGAN FREDERICK M ; JOULE UNLTD TECHNOLOGIES INC ; JACOBSON STUART A

Assignee(s): JOULE UNLIMITED INC ; ARES CAPITAL CORP

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Inventor(s): JACOBSON STUART ; MORGAN FREDERICK ; FREDERICK W MORGAN ; STUART A JACOBSON ; JOHAN VAN WALSEM

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SNODIN MICHAEL D; REINHOLD COHN AND PARTNERS; CHANG B; BROOK 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 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

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

2) Family number: 30106024 (US5499241A)

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Title: BROADBAND COMMUNICATIONS SYSTEM

Abstract: A broadband communications system for coupling telephony or other digital networks to a CTV network. The system includes transmitting a multiplex of telephony signals in 3 MHz channels in the forward band of the CTV network. Each 3 MHz channel is QPR modulated on a carrier and contains multiple subscriber telephony signals. The forward telephony channels are demodulated and demultiplexed by a plurality of subscriber terminals into the individual telephony signals directed to an addressed subscriber. The individually addressed telephony signal is then applied to a line card which connects the subscriber telephone equipment to the system. Audio and control signals returning from the subscriber are digitized into standard telephony signals and modulated on a carrier in 50 kHz reserved telephony channels onto the reverse band of the CTV network. The multiplicity of reverse band telephony channels are demodulated and multiplexed into a standard telephony signal which can be directly interfaced to the telephony network. In the illustrated embodiment, the CTV network has a fiber to the serving area architecture that can be used to increase the number of reverse band channels which are available to the broadband communications system. Several configurations for the system are described where the input and output interface can both be coupled at the headend or both coupled at a fiber node, or either one coupled at the headend while the other is coupled at a fiber node.

Classifications:

International (IPC 8-9): H04B3/02 H04H1/02 H04H1/08 H04H20/78 H04H20/79 H04H20/81 H04H60/94 H04H60/96 H04H60/97 H04J1/00 H04J1/12 H04J3/16 H04L12/28 H04L12/413 H04L27/20 H04L27/22 H04M11/06 H04M3/00 H04M3/26 H04M7/00 H04N17/00 H04N7/10 H04N7/14 H04N7/173 H04Q11/04 (Advanced/Invention); H04H20/76 H04H20/78 H04H20/79 H04H20/81 H04H60/94 H04H60/96 H04H60/97 H04J1/00 H04L12/28 H04L12/413 H04M11/06 H04M3/00 H04M3/26 H04N17/00 H04N7/16 H04N7/173 (Advanced/Non-invention); H04J1/00 H04J3/16 H04L12/28 H04M3/00 H04M7/00 H04N7/10 H04N7/173 H04Q11/04 (Core/Invention); H04H1/00 H04L12/407 (Core/Non-invention)

International (IPC 1-7): H04B3/02 H04H1/02 H04H1/08 H04J1/00 H04J1/02 H04J1/16 H04L12/00 H04L12/28 H04L27/20 H04L27/22 H04M11/06 H04M3/00 H04M3/26 H04N17/00 H04N17/00 H04N7/14 H04N7/16 H04N7/173

CPC: H04H20/12 H04H20/78 H04H20/81 H04H60/97 H04J1/12 H04J3/1623 H04J2203/0041 H04J2203/0089 H04L12/2801 H04L12/413 H04M7/006 H04N7/10 H04N7/14 H04N7/17309 H04N2007/1739 H04Q11/0478 H04Q2213/13332 H04H60/96 H04H20/79 H04H60/94

European: H04H1/08 H04H20/12 H04H20/7622 H04H20/7623 H04H20/7626 H04H20/78 H04H20/79 H04H20/81 H04H60/802 H04H60/87 H04H60/94 H04H60/97 H04J1/12 H04J3/16A4 H04L12/28B H04M7/00M H04N7/10 H04N7/14 H04N7/173B H04Q11/04S2 T04H60/83 T04H60/96 T04J203/00C20 T04J203/00C4C1 T04L12/413 T04N7/173S T04Q213/13332

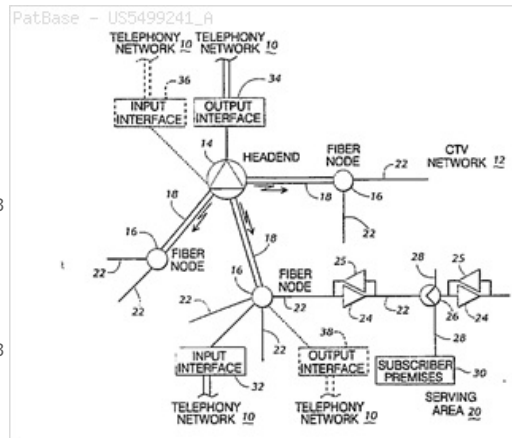
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JP F-Term: 5C064 5C064/BA01 5C064/BB05 5C064/BC06 5C064/BC11 5C064/BC16 5C064/BC17 5C064/BC20 5C064/BC21 5C064/BC22 5C064/BD01 5C064/BD07 5C064/BD08 5C064/BD09 5C064/BD11 5C064/BD13 5C164 5C164/FA03 5C164/GA02 5C164/SB22/P 5C164/TA02/S 5K022 5K022/AA04 5K022/AA07 5K022/AA08 5K022/AA11 5K022/AA21 5K022/AA12 5K022/AA23 5K051 5K051/AA05 5K051/AA08 5K051/BB01 5K051/CC01 5K051/DD12 5K051/GG02 5K051/JJ10 5K201 5K201/BB04 5K201/CB05 5K201/DB03 5K201/DB07 5K201/EA06 5K201/EA10 5K201/EB01 5K201/EC02 5K201/ED01 5K201/EE11 5K201/EE13 5C064/BA02 5C064/BB10 5C064/BC10 5C064/BC12 5C064/BC13 5C064/BC14 5C164/SA11/S 5C164/SA31/P 5C164/SB22/S 5C164/TA12/P 5C164/TA13/P 5C164/TB12/P 5C164/UA01/S 5C164/UA24/S 5K004 5K004/AA05 5K004/FA02 5K004/FA05 5K004/FA23 5K004/FB00 5K004/FD03 5K022/AA18 5K022/AA27 5K030 5K030/GA00 5K030/GA03 5K030/GA12 5K030/GA19 5K030/HA08 5K030/HA01 5K030/HB02 5K030/HB12 5K030/HB14 5K030/HC02 5K030/HC11 5K030/JL06 5K030/JL09 5K030/JT01 5K030/KA03 5K030/KA13 5K030/KA21 5K030/LA01 5K030/MA06 5K030/MB01 5K030/MC08 5K051/DD07 5K051/EE02 5K051/EE05 5K051/EE06 5K051/FF11 5K051/HH17 5K101 5K101/KK18 5K101/LL01 5K101/LL03 5K101/LL06 5K101/MM04 5K101/NN34 5K101/RR05 5K101/SS07 5K101/SS07 5K101/SS07 5K101/VV01 5K101/VV01 5K101/VV01 5K101/VV01 5K201/CA01 5K201/DB08 5K201/EA02 5K201/FA02 5K201/FB06 5C061 5C061/BB01 5C061/BB18 5C061/CC01 5K019 5K019/AC04 5K019/AC05 5K019/AC09 5K019/BA51 5K019/BA61 5K019/BB01 5K019/CC14 5K019/CC16 5K019/CD08 5K051/AA09 5K051/BB05 5K051/CC08 5K051/DD09 5K051/DD13 5K051/EE04 5K051/HH15 5K051/LL02 5K101/VV03 5K101/VV05 5K201/AA02 5K201/EA04 5K201/FA03 5K201/FA08

JP F-Index: H04J1/00 H04N21/2385 H04N7/16/Z H04M3/00/B H04L11/00 H04L12/00 H04L27/20/Z H04L27/22/Z H04M11/06 H04N21/226 H04N21/61 H04N21/643 H04N7/16/A H04N7/173 H04M3/26/B H04N17/00/A

Family:

Publication number	Publication date	Application number	Application date
AU199477304 A1	19950403	AU19940077304	19940919
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AU199738848 A1	19980220	AU19970038848	19970718
AU686368 B2	19980205	AU19950022006	19950328
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CN1173252 A	19980211	CN19951092884	19950328
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EP0719484 A4	19981202	EP19940928152	19940919
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EP0763291 A4	19981202	EP19950914954	19950328
EP0763291 B1	20060830	EP19950914954	19950328
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JP10500541 T2	19980113	JP19950525816T	19950328
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JP11506887 T2	19990615	JP19970501588T	19960606
JP2000516062 T2	20001128	JP19980508875T	19970718
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KR19967005422 A	19961009	KR19967001413	19940919
KR19970702636 A	19970513	KR19960705537	19961005
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KR970702636 A	19970513	KR19960705537	19961005
US5499241 A	19960312	US19930123363	19930917
US5581555 A	19961203	US19950475220	19950607
US5594726 A	19970114	US19940219848	19940330
US5719872 A	19980217	US19960757858	19961127
US5790523 A	19980804	US19960690628	19960731
WO9508228 A1	19950323	WO1994US10509	19940919
WO9527350 A1	19951012	WO1995US03900	19950328
WO9641452 A1	19961219	WO1996US09210	19960606
WO9805138 A2	19980205	WO1997US12504	19970718
WO9805138 A3	19980326	WO1997US12504	19970718

Priority:

US19930123363	19930917	US19940219848	19940330	WO1994US10509	19940919
WO1995US03900	19950328	US19950475220	19950607	WO1996US09210	19960606
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Probable Assignee: CISCO SYSTEMS INC

Assignee(s): (std): SCIENTIFIC ATLANTA

Assignee(s): SCIENTIFIC ATLANTA INC ; THOMPSON LEO J ; SCIENTIFIC ATLANTA LLC ; CISCO SYSTEMS INC ; CISCO TECHNOLOGY INC ; DUBBERLY GREGORY T ; DUBBERLY GREGORY THOMAS ; FELLOWS DAVID M ; RITCHIE JOHN A JR ; RITCHIE JOHN ALEXANDER JR

Inventor(s): (std): RITCHIE JOHN ALEXANDER JR ; DUBBERLY GREGORY THOMAS ; IDLER STEVE ; THOMPSON LEO J ; DUBBERLY GREGORY T ; RITCHIE JOHN A JR ; FELLOWS DAVID M ; RITCHIE JOHN A ; DUBBERLY GREGORY T ; THOMPSON L J ; DUBBERLY G T ; RITCHIE J A ; JR ; RITCHIE JR JOHN A ; BOHANNON THOMAS A ; BOHANNON THOMAS AUTREY ; GREGORY THOMAS DUBBERLY ; GREGORY T DUBBERLY ; JOHN A RITCHIE JR ; LEO J THOMPSON ; STEVE IDLER ; JOHN A RITCHIE ; JOHN ALEXANDER RITCHIE JR ; DAVID M FELLOWS ; RITCHIE ALEXANDER ; THOMPSON J ; DUBBERLY THOMAS ; RITCHIE A ; DUBBERLY T

Inventor(s): GREGORY T DUBBERLY ; THOMAS AUTREY BOHANNON ; L J THOMPSON ; G T DUBBERLY ; J A RITCHIE

Agent(s): FB RICE; FB RICE PTY LTD; FINLAYSON AND SINGLEHURST

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 SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

3) Family number: 43910025 (DE102009013300A1)

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Title: RADAR DEVICE FOR DETECTING DISTANCE OR MOVEMENT OF OBJECT, HAS TRANSMITTING UNIT AND RECEIVING UNIT, WHERE TRANSMITTING UNIT HAS SIGNAL GENERATOR DESIGNED FOR GENERATING TWO FREQUENCIES MODULATED HIGH FREQUENCY SIGNALS

Abstract: The radar device has a transmitting unit and a receiving unit, where the transmitting unit has a signal generator (1) designed for generating two frequencies modulated high frequency signals. A function generator (3) is formed for releasing a modulated signal and a modulator (2) is formed for modulation. The receiving unit has an analogous integrator (8) formed for continuous integration of the echo signal transferred in the base band. Receiving of the echo signal by the integrator and displacement determination are realized with only a single receiving channel. An independent claim is included for a method for modulating a radar signal and for demodulating the radar signal resulted echo signal.

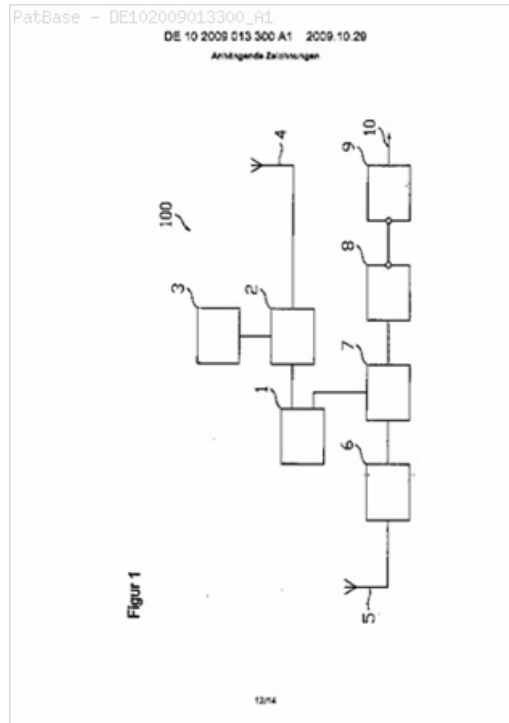
Classifications:

International (IPC 8-9): G01S13/34 (Advanced/Invention);

G01S13/00 (Core/Invention)

CPC: G01S7/35 G01S13/0209 G01S13/345 G01S13/346

European: G01S13/02B G01S13/34E G01S13/34F G01S7/35



Family:

Publication number	Publication date	Application number	Application date
DE102009013300 A1	20091029	DE200910013300	20090316

Priority:

DE200810020331 20080423 DE200910013300 20090316

Probable Assignee: CONTINENTAL AUTOMOTIVE GMBH

Assignee(s): (std): CONTINENTAL AUTOMOTIVE GMBH

Inventor(s): (std): BRUECKL CHRISTIAN ; ZWICK THOMAS ; TSCHERNITZ MAXIMILIAN ; SCHWOERER CHRISTOPH

4) Family number: 41671029 (US2008082590A)

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Title: WRITE-IN-PLACE WITHIN A WRITE-ANYWHERE FILESYSTEM

Abstract: In a write-anywhere filesystem, a write-in-place property allows the write-anywhere filesystem to selectively perform write-in-place processing for write allocation to selected data blocks. The filesystem stores a data block in a storage, and references the data block with both physical and virtual or logical block number references. The block number references allow the filesystem to manage storage of the data blocks through indirection. The data block may be modified, which generates an updated data block in memory having the new data. The filesystem performs write allocation to store the updated data block to the storage. Write-in-place within the write-anywhere filesystem allows the write-anywhere filesystem to write the data block to the same physical location and thus maintain the same physical block number reference while modifying the virtual block number reference.

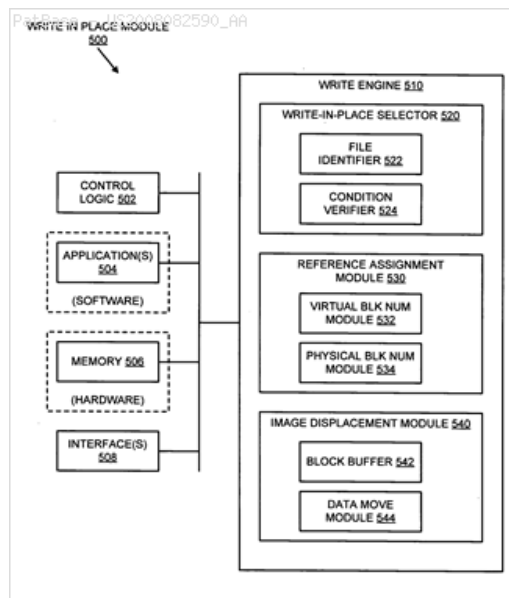
Classifications:

International (IPC 8-9): G06F12/16 G06F17/30 (Advanced/Invention);
G06F12/16 G06F17/30 (Core/Invention)

CPC: G06F16/10

European: G06F17/30F

US: 1/1 707/204 707/999.204 707/E17.01 711/114 711/155 711/203



Family:

Publication number	Publication date	Application number	Application date
US2008082590 AA	20080403	US20060529858	20060928
US7562189 BB	20090714	US20060529858	20060928
WO08042283 A2	20080410	WO2007US20984	20070928
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Priority:

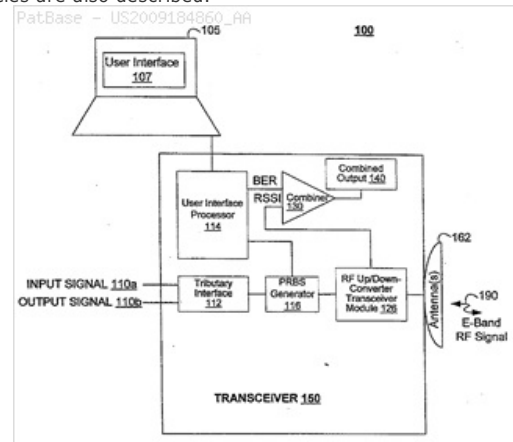
US20060529858 20060928

Probable Assignee: NETWORK APPLIANCE INC**Assignee(s):** (std): HAMILTON ERIC C ; NETWORK APPLIANCE INC ; SCOTT JOHN A**Inventor(s):** (std): HAMILTON ERIC ; HAMILTON ERIC C ; SCOTT JOHN A**Agent(s):** NETWORK APPLIANCE/BLAKELY; NETWORK APPLIANCE BLAKELY; BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP; VINCENT LESTER J 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 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**5) Family number: 43544032 (US2009184860A)**

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Title: E-BAND RECEIVER AND BIT ERROR MEASUREMENT

Abstract: Methods and apparatus are provided to facilitate the alignment of an antenna. In one aspect, there is provided a transceiver. The transceiver may include an antenna and a downconverter module coupled to the antenna. The downconverter module may measure received signal strength. The transceiver may also include a sequence detector for detecting an error rate of a sequence included in the other signal. The transceiver may also include an output module for providing an output representative the error rate, the received signal strength, and a combination of the error rate and the received signal strength. The provided output may be used to enable alignment of an antenna. Related apparatus, systems, methods, and articles are also described.

Classifications:**International (IPC 8-9):** G01S13/00 G01S7/40 (Advanced/Invention); G01S7/40 (Core/Invention)**CPC:** H04L1/20 H04L1/244**European:** H04L1/20 H04L1/24C2**US:** 342/132 342/173 342/173S 342/21 342/21P 342/22 342/73**Family:**

Publication number	Publication date	Application number	Application date
US2009184860 AA	20090723	US20080271689	20081114
US8228226 BB	20120724	US20080271689	20081114

Priority:

US20070988697P 20071116 US20080271689 20081114

Probable Assignee: E BAND COMMUNICATIONS CORP**Assignee(s):** (std): BAND COMM CORP E ; BRENTLINGER BRUCE ALLEN ; CHAN VICTOR J ; HANNAN JIMMY ; MORGAN GENE ; PAVELCHEK ANDREW**Assignee(s):** E BAND COMMUNICATIONS CORP**Inventor(s):** (std): BRENTLINGER BRUCE ALLEN ; CHAN VICTOR J ; MORGAN GENE ; PAVELCHEK ANDREW ; HANNAN JIMMY**Agent(s):** MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC**6) Family number: 44322051 (US2012288917A)**

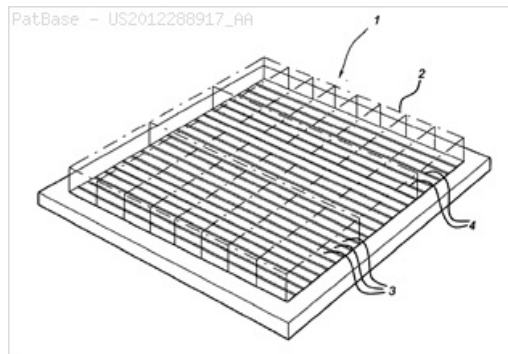
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Title: ALGAE GROWTH SYSTEM

Abstract: The invention includes a bioreactor system for growing a photosynthetic culture in an aqueous liquid and harvesting the photosynthetic culture. The present invention further relates to a method for growing a photosynthetic culture in an aqueous liquid and harvesting the photosynthetic culture. The present invention further relates to a use of a harvester system arranged to collect at least part of the scooped photosynthetic culture in a photo bioreactor system.

Classifications:

International (IPC 8-9): C12M1/00 C12M1/06 C12M1/26 C12M1/42
C12N1/12 F21V21/00 (Advanced/Invention);
C12M1/00 (Core/Invention)
International (IPC 1-7): C12M1/00
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European: C12M21/02 C12M23/18 C12M23/34 C12M27/06 C12M31/10
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US: 362/382 435/257.1 435/292.1 435/309.1



Family:

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Priority:

WO2008NL50529 20080801 WO2009NL50474 20090731 US20120056717 20120712
US20160992347 20160111

Probable Assignee: ALGAE TECH LTD

Assignee(s): (std): ALGAE TECH LTD ; ALGAE TECH UK LTD ; HOEVERS HENDRIK JOSEPH KAREL ; KRENBRINK DAVID DEAN ; NEEB TACO WIJNAND ; ROOIJMANS JOHANNES OTTO

Inventor(s): (std): KRENBRINK DAVID DEAN ; HOEVERS HENDRIK JOSEPH KAREL ; ROOIJMANS JOHANNES OTTO ; NEEB TACO WIJNAND ; DEAN KRENBRINK DAVID ; OTTO ROOIJMANS JOHANNES ; WIJNAND NEEB TACO

Agent(s): GOWLING LAFLEUR HENDERSON LLP; ZEESTRATEN ALBERTUS W J; HOFFMANN AND BARON LLP; VAN WESTENBRUGGE ANDRIES; KETELAARS MAARTEN

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

7) Family number: 57884080 (US2016323077A)

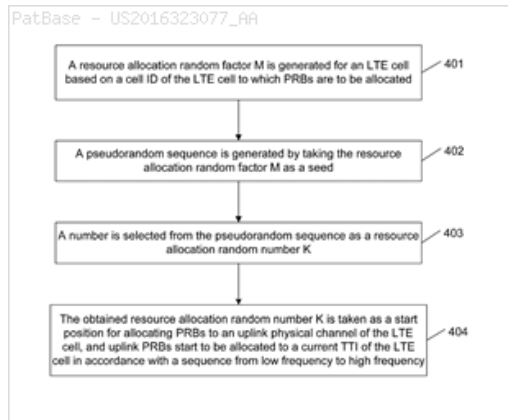
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Title: METHOD AND APPARATUS FOR ALLOCATING RESOURCE TO LTE CELL, AND BASE STATION AND STORAGE MEDIUM

Abstract: A method and apparatus for resource allocation to a LTE cell, a base station and a storage medium are provided. A resource allocation random factor M is generated for the LTE cell based on a cell ID of an LTE cell a resource allocation random number K is generated using the resource allocation random factor M, the generated resource allocation random number K being greater than or equal to 0 and being less than or equal to N1-N2, N1 being a total number of PRBs corresponding to a system bandwidth of an LTE system, and N2 being a total number of PRBs needing to be scheduled to the LTE cell currently; a start position for allocating PRBs to the LTE cell is determined according to the resource allocation random number K; and PRBs are allocated to the LTE cell from the start position.

Classifications:

International (IPC 8-9): H04L5/00 H04W16/10 H04W72/04
H04W72/08 (Advanced/Invention);
H04W72/04 (Advanced/Non-invention)
CPC: H04L5/0044 H04L5/0032 H04L5/001 H04W72/0493 H04W72/082
H04W16/10 H04W72/04
US: 1/1 370/330



Family:

Publication number	Publication date	Application number	Application date
CN104754744 A	20150701	CN201310745645	20131230
CN104754744 B	20180605	CN201310745645	20131230
DE602014039220 D1	20190124	DE201460039220T	20140610
EP3091800 A1	20161109	EP20140800550	20140610
EP3091800 A4	20161221	EP20140800550	20140610
EP3091800 B1	20190102	EP20140800550	20140610
US2016323077 AA	20161103	US20140108496	20140610
WO14187413 A1	20141127	WO2014CN079637	20140610

Priority:

CN201310745645 20131230 EP20140800550 20140610 WO2014CN079637 20140610

Probable Assignee: ZTE CORP

Assignee(s): (std): NANJING ZHONGXING SOFTWARE CO LTD ; ZTE CORP

Assignee(s): ZTE SHENZHEN CORP

Inventor(s): (std): YIN XIAOXUE

Agent(s): LAVOIX; CHINA PAT INTELLECTUAL PROPERTY 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 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

8) Family number: 30826087 (US2004184815A)

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Title: DEVICES AND METHODS FOR DYNAMIC DISPERSION COMPENSATION

Abstract: The present invention provides devices and methods for dynamic dispersion compensation. According to one embodiment of the invention, a dispersion compensating device includes a negative dispersion fiber having an input configured to receive the optical signal, the negative dispersion fiber having a length and dispersion sufficient to remove any positive chirp from each wavelength channel of the optical signal, thereby outputting a negatively chirped optical signal; an amplifying device configured to amplify the negatively chirped optical signal; and a nonlinear positive dispersion fiber configured to receive the negatively chirped optical signal. The devices of the present invention provide broadband compensation for systems having a wide range of variable residual dispersions.

Classifications:

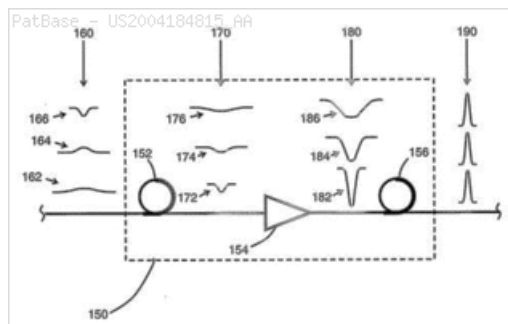
International (IPC 8-9): H04B10/12 H04B10/18 (Advanced/Invention)

International (IPC 1-7): H04B10/12

CPC: H04B10/2525

European: H04B10/2525

US: 385/122 385/123 385/124 385/147 385/24 385/27 385/37 398/147 398/148 398/148P 398/149 398/158 398/159 398/160 398/79 398/81 398/92



Family:

Publication number	Publication date	Application number	Application date
US2004184815 AA	20040923	US20040778979	20040213
US7068943 BB	20060627	US20040778979	20040213
WO04073184 A2	20040826	WO2004US04261	20040213
WO04073184 A3	20041216	WO2004US04261	20040213

Priority:

US20030447174P 20030213 US20040778979 20040213

Probable Assignee: CORNING INC

Assignee(s): (std): CORNING INC ; KOROLEV ANDREY E ; KUKSENKOV DMITRI V ; NOLAN DANIEL A ; SYSOLIATIN ALEXEJ ; LI SHENPING ; SAUER MICHAEL

Inventor(s): (std): NOLAN DANIEL A ; SYSOLIATIN ALEXEJ ; KOROLEV ANDREY E ; KUKSENKOV DMITRI V ; LI SHENPING ; SAUER MICHAEL

Agent(s): SVETLANA Z

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

9) Family number: 63552090 (US2016266319A)

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Title: METHOD OF ENGINEERING THE DISPERSION OF WHISPERING GALLERY MODE RESONATORS AND THE RESONATORS WITH DISPERSION ENGINEERED BY THE METHOD

Abstract: A method for fabricating a resonator structure, comprising engineering dispersion of electromagnetic radiation guided

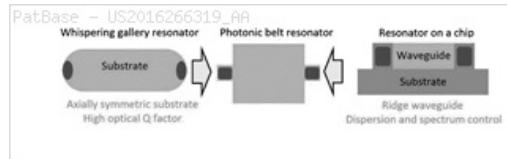
along a boundary of an axially symmetric substrate, the engineering comprising micro-structuring a geometry of the boundary, wherein the structure defines a waveguide for electromagnetic radiation.

Classifications:

International (IPC 8-9): G02B27/00 G02B6/138 G02B6/293 G06F17/13 G06F17/50 (Advanced/Invention)

CPC: G02B6/138 G02B6/29341 G02B27/0012 G06F30/23 G06F2119/10 G06F30/00

US: 1/1 385/14



Family:

Publication number	Publication date	Application number	Application date
US2016266319 AA	20160915	US20160069725	20160314
US10310186 BB	20190604	US20160069725	20160314

Priority:

US20150132966P 20150313 US20150175588P 20150615 US20160302636P 20160302
US20160069725 20160314

Probable Assignee: CALIFORNIA INST OF TECHNOLOGY

Assignee(s): (std): CALIFORNIA INST OF TECHN

Assignee(s): CALIFORNIA INST OF TECHNOLOGY ; NASA

Inventor(s): (std): GRUDININ IVAN S ; BAUMGARTEL LUKAS M ; YU NAN

Agent(s): GATES AND COOPER LLP

10) Family number: 30517093 (US2004083077A)

PatBase

Title: INTEGRATED PACKET BIT ERROR RATE TESTER FOR 10G SERDES

Abstract: An integrated packet bit error rate tester includes a packet transmit circuit that has a first memory for storing transmit packet data and is connectable to a channel under test. A packet receive circuit includes a second memory for storing received packet data and is connectable to the channel under test. An interface is used for programming the packet transmit and packet receive circuits. The packet transmit circuit can generate an arbitrary 10G SERDES packet in response to commands from the interface. The packet receive circuit can determine a bit error rate of the channel under test. The second memory can capture received packet data upon any one of (a) after a pre-programmed pattern is detected, (b) after a pre-programmed pattern is lost, and (c) after an error is detected.

Classifications:

International (IPC 8-9): G01R31/08 G01R31/28 G06F11/00 G06F11/263 G06F13/14 G06F13/38 G06F13/40 G06F3/00 G21C17/00 H04B1/38 H04J1/16 H04J3/04 H04J3/14 H04L1/00 H04L12/26 H04L12/28 H04L12/40 H04L12/50 H04L12/56 H04L13/10 H04L7/00

H04Q11/00 (Advanced/Invention);
G06F11/16 G06F13/00 (Advanced/Non-invention);
H04L (Subclass/Invention)

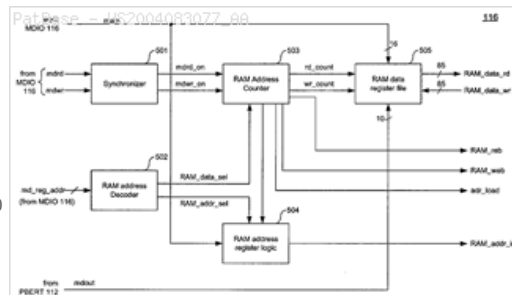
International (IPC 1-7): G01R31/08 G01R31/28 G06F3/00 G21C17/00 H04J1/16 H04J3/04 H04J3/14 H04L1/00 H04L12/26 H04L12/40 H04Q11/00 H04B1/38 G06F13/4027 H04L43/50 Y04S40/168

CPC: H04B1/38 G06F13/4027 H04L43/50 Y04S40/168

European: G06F13/40D5 H04L12/26T H04L43/50

US: 1/1 326/62 370/216 370/216P 370/242 370/242S 370/258 370/258P 370/299 370/300 370/301 370/304 370/307 370/362 370/362P 370/366 370/366P 370/403 370/403P 370/419 370/466 370/535 370/535P

375/219 375/353 375/355 375/356 375/357 375/359 702/185 702/185P 710/1 710/10 710/11 710/12 710/1P 710/305 710/31 710/62 710/63 710/71 710/71P 710/8 710/8P 714/704 714/715 714/724 714/724P



Family:

Publication number	Publication date	Application number	Application date
DE60344913 D1	20131107	DE20036044913	20031029
EP1558987 A2	20050803	EP20030779391	20031029
EP1558987 A4	20100623	EP20030779391	20031029
EP1558987 B1	20130911	EP20030779391	20031029
EP2592529 A1	20130515	EP20130000556	20031029
US2004083077 AA	20040429	US20030681244	20031009
US2004088443 AA	20040506	US20030694729	20031029
US2004088444 AA	20040506	US20030694788	20031029
US2004117698 AA	20040617	US20030694730	20031029
US2004141497 AA	20040722	US20030695498	20031029
US2004141531 AA	20040722	US20030695458	20031029
US2005190690 AA	20050901	US20050117470	20050429
US2006250985 AA	20061109	US20060389506	20060327
US2008186987 AA	20080807	US20080078780	20080404
US2009041060 AA	20090212	US20080253851	20081017
US2009252160 AA	20091008	US20090416641	20090401
US2010100651 AA	20100422	US20090654345	20091217
US2012072615 AA	20120322	US20110305207	20111128
US2012239846 AA	20120920	US20110229150	20110909
US2013121385 AA	20130516	US20120731409	20121231
US7035228 BB	20060425	US20030694788	20031029
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US7373561 BB	20080513	US20030681244	20031009

US7450529 BB	20081111	US20030695458	20031029
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US7664888 BB	20100216	US20030694729	20031029
US8001286 BB	20110816	US20090654345	20091217
US8023436 BB	20110920	US20080078780	20080404
US8086762 BB	20111227	US20090416641	20090401
US8094590 BB	20120110	US20080253851	20081017
US8385188 BB	20130226	US20050117470	20050429
US8711677 BB	20140429	US20120731409	20121231
US9330043 BB	20160503	US20110229150	20110909
WO04040824 A2	20040513	WO2003US34234	20031029
WO04040824 A3	20050210	WO2003US34234	20031029

Priority:

US20020421780P	20021029	US20030681244	20031009	EP20030779391	20031029
US20030694730	20031029	US20030694729	20031029	US20030694788	20031029
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US20110229150	20110909	US20110305207	20111128	US20120731409	20121231

Probable Assignee: AVAGO TECHNOLOGIES LTD

Assignee(s): (std): BROADCOM CORP ; BAUMER HOWARD A ; BAUMER HOWARD ; ODA DWIGHT ; TRAN HOANG ; AMIRICHIMEH ABBAS ; TRAN HOANG T

Assignee(s): AVAGO TECHNOLOGIES GENERAL IP SINGAPORE PTE LTD ; AVAGO TECHNOLOGIES INT SALES PTE LTD ; AVAGO TECHNOLOGIES LTD ; BANK OF AMERICA NA COLLATERAL AGENT AS ; BROADCOM CORP IRVINE

Inventor(s): (std): TRAN HOANG T ; WANG PEIQING ; BAUMER HOWARD A ; TRAN HOANG ; ODA DWIGHT ; BAUMER HOWARD ; AMIRICHIMEH ABBAS

Inventor(s): BAUMER HOWARD A LAGUNA HILLS

Agent(s): BOSCH JEHL PATENTANWALTSGESELLSCHAFT MBH; JEHL VOLKER ARMIN; STERNE KESSLER GOLDSTEIN AND FOX PLLC

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR

11) Family number: 47308100 (US2012033630A)

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Title: METHOD AND APPARATUS FOR TRANSMITTING REFERENCE SIGNAL

Abstract: The present invention relates to a wireless communication system, and more specifically, to a method and an apparatus for transmitting an RS (Reference Signal) from a transmission end. The present invention relates to an RS transmission method and an apparatus therefore, comprising the steps of: confirming RS resources which are defined according to each layer; and transmitting the precoded RS for the layers to a receiving end through a multiple antenna, wherein the RS resource includes a 1st index for indicating an RS resource pattern group in which the precoded RS is mapped within a resource block and a 2nd index for indicating a code resource for multiplexing the precoded RSs within the RS resource pattern group.

Classifications:

International (IPC 8-9): H04B17/02 H04B41821 H04B7/04 H04B7/0456 H04B7/06 H04B7/10 H04B7/14 H04B7/155 H04B7/216 H04B7/26 H04J1/00 H04J1/20 H04J11/00 H04J13/00 H04J13/16 H04J99/00 H04L1/00 H04L1/06 H04L27/26 H04L5/00 H04W16/26 H04W16/28 H04W4/00 H04W40/24 H04W52/14 H04W52/32 H04W52/58 H04W72/04 H04W92/12 (Advanced/Invention); H04L25/02 H04L27/26 H04L5/00 H04W40/24 H04W52/14 H04W52/32 H04W52/58 H04W84/04 H04W92/12 (Advanced/Non-invention)

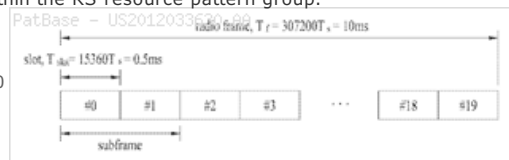
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European: H04B7/04M7C5 H04B7/06C6 H04B7/155 H04B7/155H H04B7/26B2 H04L1/00A9C H04L25/02C7A H04L5/00C1 H04L5/00C5B H04L5/00E2 T04B7/06C3 T04L25/02C1 T04L25/02C11A T04L5/00A3C T04W92/12

JP: 1/1 370/315 370/315P 370/317 370/329 370/329P 370/330 370/335 370/339 375/211 375/211P 375/315 375/324

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Family:

Publication number	Publication date	Application number	Application date
CA2767997 AA	20110120	CA20102767997	20100713
CA2767997 C	20160126	CA20102767997	20100713
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CA2768349 C	20150929	CA20102768349	20100719
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Priority:

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US20160257159	20160906	US20160267539	20160916		

Probable Assignee: LG ELECTRONICS

Assignee(s): (std): CHUNG JAE HOON ; HAN SEUNG HEE ; KO HYUN SOO ; KWON YEONG HYEON ; LEE MOON II ; LEE MOON IL ; LG ELECTRONICS ; LG ELECTRONICS INC ; NOH MIN SEOK ; MOON SUNG HO ; PARK KYU JIN ; MOON SEONG HO

Inventor(s): (std): KWON YEONG HYEON ; KO HYUN SOO ; CHUNG JAE HOON ; LEE MOON IL ; NOH MIN SEOK ; HAN SEUNG HEE ; MOON SUNG HO ; PARK KYU JIN ; LEE MOON II ; IL LEE MOON ; HOON CHUNG JAE ; HYEON KWON YEONG ; SOO KO HYUN ; SEOK NOH MIN ; JIN PARK KYU ; HO MOON SUNG

Agent(s): SMART AND BIGGAR; WUESTHOFF AND WUESTHOFF PATENTANWAELTE PARTG MBB; FRENKEL MATTHIAS ALEXANDER; KATERLE AXEL; LEE HONG DEGERMAN KANG AND WAIMEY; BIRCH STEWART KOLASCH AND BIRCH LLP; JONATHAN; MICHAEL; LEE HONG DEGERMAN KANG AND WALMEY; LEE HONG DEGERMAN KANG WAIMEY; KIM YONG IN ET AL; YANG MOON OCK

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

12) Family number: 43180100 (WO09049368A1)

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Title: OPTICAL PERFORMANCE MONITORING

Abstract: Monitoring an optical signal comprises sampling the optical signal from at least two tap points to retrieve a sample set comprising at least two samples. The samples are separated in time by a tap delay. Multiple such sample sets are obtained over time. From the sample sets a higher order correlation coefficient is determined, comprising an expected value of a higher order combination of a first sample with a second sample. The correlation coefficient is used to identify a characteristic of the optical signal such as bit rate, for example by comparing it to a correlation coefficient of different order, or by calculating the correlation coefficient for varied values of tap delay and assessing the correlation coefficient function.

Classifications:

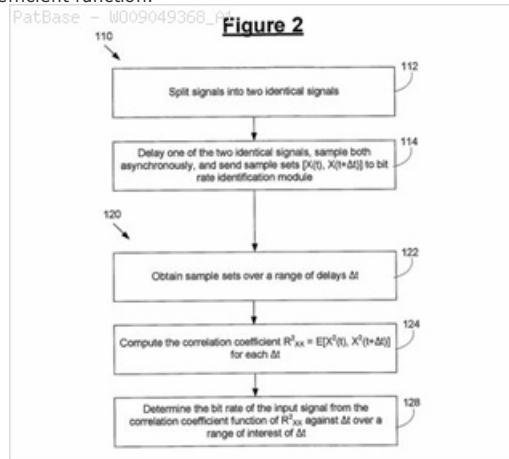
International (IPC 8-9): H04B10/079 H04B10/08

H04J14/00 (Advanced/Invention);

H04B10/08 H04J14/00 (Core/Invention)

CPC: H04B10/0795 H04J14/00 H04L7/0054

European: H04B10/0795 H04L7/00D T04J14/00



Family:

Publication number	Publication date	Application number	Application date
AU2008314503 AA	20090423	AU20080314503	20081016
WO09049368 A1	20090423	WO2008AU01532	20081016

Priority:

AU20070905657 20071016 AU20080314503 20081016 WO2008AU01532 20081016

Probable Assignee: NICTA IPR PTY LTD

Assignee(s): (std): ANDERSON TREVOR ; NAT ICT AUSTRALIA LTD ; NICTA IPR PTY LTD ; ZHOU YUAN

Assignee(s): NATIONAL ICT AUSTRALIA LIMITED ; NATIONAL ICT AUSTRALIA LTD

Inventor(s): (std): ZHOU YUAN ; ANDERSON TREVOR

Inventor(s): TREVOR ANDERSON ; YUAN ZHOU

Agent(s): FB RICE; FB RICE PTY LTD; FB RICE AND CO

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 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

13) Family number: 42774112 (EP2012139A1)

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Title: Body monitoring apparatus and method

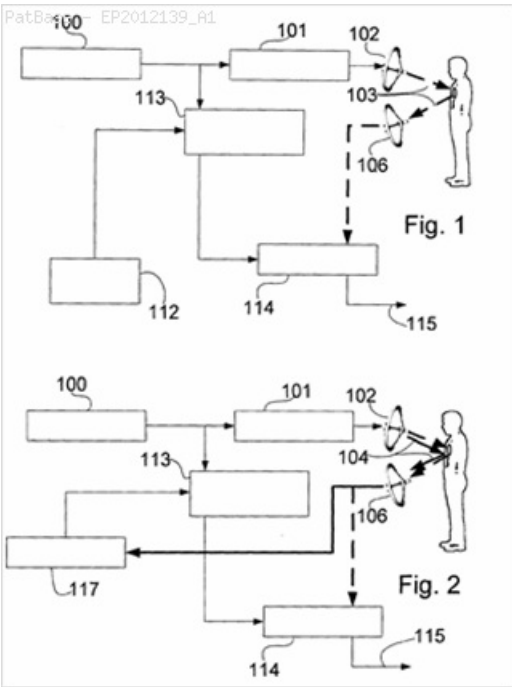
Abstract: The present invention concerns a monitor and a method for detecting, monitoring and measuring the movement of internal body organs, such as heart, lungs, foetus, womb, etc. The monitor comprises an Ultra Wide Band impulse transmitter, consisting of a Pseudo Random Binary Sequence generator (100), a pulse generator (101) and a transmit antenna (102), and an UWB pulse receiver, consisting of a receive antenna (106) and a boxcar averager made of a voltage controlled delay generator (113), a reference level circuit (112) and a sampler-and-averager (114). The latter is synchronously locked to the emitted pulses with a phase shift proportional to the distance between the antennas and the body organ wall to be monitored. According to the present invention, there is also provided a skin echo detector (117) for continuously determining the distance between the antennas and the skin of the patient and using it to adjust the delay of the voltage controlled delay generator to permit the latter to compensate in real time for the movements of the body.

Classifications:

International (IPC 8-9): G01S13/70 (Advanced/Invention)

CPC: A61B5/024 A61B5/0507 A61B5/113 G01S13/0209 G01S13/18

G01S13/581 G01S13/70



Family:

Publication number	Publication date	Application number	Application date
EP2012139 A1	20090107	EP20070111887	20070706

Priority:

EP20070111887 20070706

Probable Assignee: SENSINO LTD

Assignee(s): (std): SENSINO LTD

Assignee(s): SENSINO LIMITED

Inventor(s): (std): STADERINI ENRICO MARIA ; VAROTTO GRAZIANO

Agent(s): GLN

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

14) Family number: 56035115 (US2014086267A)

© PatBase

Title: HIGH ENERGY FIBER LASER MODULATOR

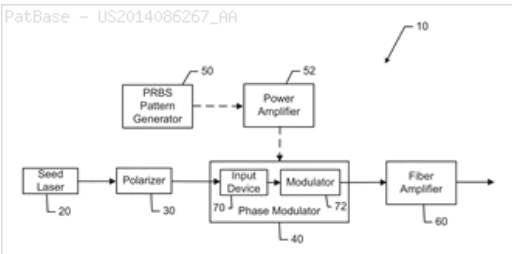
Abstract: A laser device includes a seed laser, a polarizer, a pseudorandom bit sequence (PRBS) pattern generator, and a phase modulator. The polarizer may be optically coupled to receive an output of the seed laser and may generate a polarization filtered output. The PRBS pattern generator may be configured to generate a PRBS pattern. The phase modulator may be configured to apply a PRBS modulation scheme to the polarization filtered output based on the PRBS pattern. The PRBS pattern may be generated to have a length above a first threshold for avoiding an occurrence of backward propagation being in phase with forward propagation in an active fiber receiving an output of the phase modulator when the pattern repeats and below a second threshold for phase mismatch in the active fiber.

Classifications:

International (IPC 8-9): G02F1/01 G02F1/03 H01S3/067 H01S3/30 H04J14/00 (Advanced/Invention)

CPC: H01S3/06754 H01S3/10053 H01S3/10084 H01S2301/03 H01S3/10061

US: 359/246 359/279 372/6 398/43



Family:

Publication number	Publication date	Application number	Application date
US2014086267 AA	20140327	US20120628454	20120927
US8970935 BB	20150303	US20120628454	20120927

Priority:

US20120628454 20120927

Probable Assignee: JOHNS HOPKINS UNIV

Assignee(s): (std): UNIV JOHNS HOPKINS

Assignee(s): JOHNS HOPKINS UNIV

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Family:

Publication number	Publication date	Application number	Application date
AU2010340729 AA	20110714	AU20100340729	20101213
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AU2010340729 BB	20140417	AU20100340729	20101213
AU2014203784 AA	20140731	AU20140203784	20140710
AU2014203784 BB	20160303	AU20140203784	20140710
AU2016203652 AA	20160616	AU20160203652	20160601
AU2016203652 BB	20180510	AU20160203652	20160601
AU2018208655 AA	20180809	AU20180208655	20180724
AU2018208655 BB	20190404	AU20180208655	20180724
CN102349252 A	20120208	CN201080011058	20101213
CN102349252 B	20150401	CN201080011058	20101213
CN104618301 A	20150513	CN201510101167	20101213
CN104618301 B	20180302	CN201510101167	20101213
CN104639494 A	20150520	CN201510100214	20101213
CN104639494 B	20171229	CN201510100214	20101213
EP2523373 A1	20121114	EP20100842055	20101213
EP2523373 A4	20170913	EP20100842055	20101213
IN03724KN2011 A	20160826	IN2011KN03724	20110908
IN201938007946 A	20190524	IN201938007946	20190228
JP2011083535 A1	20130513	JP20110548870T	20101213
JP2013225879 A2	20131031	JP20130118596	20130605
JP2013232915 A2	20131114	JP20130118597	20130605
JP5290434 B1	20130918	JP20110548870T	20101213
JP5290434 B2	20130918	JP20110548870T	20101213
JP5543639 B2	20140709	JP20130118597	20130605
JP5617010 B2	20141029	JP20130118596	20130605
KR101290874 B1	20130729	KR20137005097	20101213
KR101290950 B1	20130729	KR20117020853	20101213
KR101290959 B1	20130730	KR20137005105	20101213
KR20110124285 A	20111116	KR20117020853	20101213
KR20130037240 A	20130415	KR20137005105	20101213
KR20130038939 A	20130418	KR20137005097	20101213
MY166360 A	20180625	MY20120002836	20101213
RU2012128456 A	20140220	RU20120128456	20101213
RU2015140800 A	20170329	RU20150140800	20150924
RU2526537 C2	20140827	RU20120128456	20101213
RU2567851 C1	20151110	RU20140123668	20140610
RU2615498 C2	20170405	RU20150140800	20150924
US2011317682 AA	20111229	US20100254954	20101213
US2014321572 AA	20141030	US20140325998	20140708
US2015188744 AA	20150702	US20150657158	20150313
US2019132179 AA	20190502	US20180233505	20181227
US8811370 BB	20140819	US20100254954	20101213
US9042365 BB	20150526	US20140325998	20140708
US10218554 BB	20190226	US20150657158	20150313
US10547483 BB	20200128	US20180233505	20181227
WO11083535 A1	20110714	WO2010JP07241	20101213

Priority:

JP20100002634	20100108	JP20100002634	20100128	AU20100340729	20101213
CN201080011058	20101213	JP20110548870	20101213	JP20110548870T	20101213
WO2010JP07241	20101213	US20110254954	20110906	IN2011KN03724	20110908
JP20130118596	20130605	JP20130118597	20130605	US20140325998	20140708
AU20140203784	20140710	US20150657158	20150313	AU20160203652	20160601
AU20180208655	20180724	US20180233505	20181227		

Probable Assignee:

Assignee(s): (std): KIMURA TOMOHIRO ; MATSUMURA YOSHINOBU ; MATSUSHITA ELECTRIC INDUSTRIAL CO LTD ; OUCHI MIKIHIRO ; PANASONIC CORP ; PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO LTD ;
Assignee(s): PANASONIC IP MAN CO LTD ; SUN PATENT TRUST ; SAN PETENT TRAST
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO ; PANASONIK KORPOREHJSHN
Inventor(s): (std): OUTI MIKIHIRO ; MATSUMURA JOSINOBU ; KIMURA TOMOKHIRO ; OUCHI MIKIHIRO ; KIMURA TOMOHIRO ; MATSUMURA YOSHINOBU ; MATSUMURA YOSHINAGA ; MIKIHIRO OUCHI ; YOSHINOBU MATSUMURA ; TOMOHIRO KIMURA
Agent(s): GRIFFITH HACK; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER; WENDEROTH LIND AND PONACK LLP; NAKAJIMA SHIRO 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

17) Family number: 60547134 (US2017078126A)

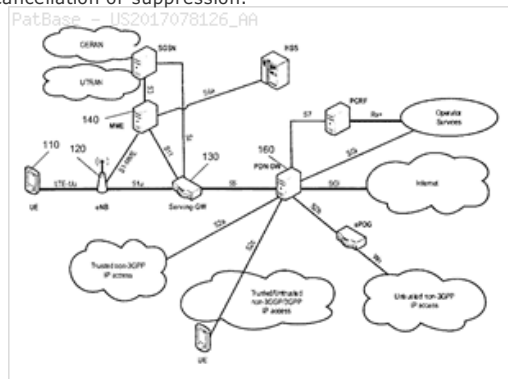
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Title: INTERFERENCE PARAMETER SIGNALING FOR EFFICIENT INTERFERENCE CANCELLATION AND SUPPRESSION

Abstract: The present invention relates to transmission and reception of downlink control information in a communication system. In particular, a serving base station transmits to a terminal a downlink control information which includes a first field with a scheduling information and a second field with interference parameters (interference information). The receiver employs the interference parameters for interference estimation used in interference cancellation or suppression.

Classifications:

International (ipc 8-9): H04B1/7103 H04J11/00 H04J99/00 H04L1/00 H04L27/01 H04L27/26 H04L5/00 H04Q7/00 H04W28/06 H04W4/00 H04W72/04 H04W72/08 H04W72/12 (Advanced/Invention)
CPC: H04L27/2613 H04W72/042 H04W72/1289 H04L1/0038 H04W72/082 H04L1/0003 H04L1/0009 H04J11/0056 H04L5/0053
US: 1/1 370/329
JP F-Term: 5K004 5K022 5K067 5K067/AA23 5K067/DD11 5K067/DD45 5K067/EE02 5K067/EE10 5K159
JP F-Index: H04B1/7103 H04B7/0413/200 H04J15/00 H04L27/01 H04L27/26/410 H04L27/26/412 H04W28/06/110 H04W72/04/136



Family:

Publication number	Publication date	Application number	Application date
DE602014043075 D1	20190404	DE201460043075T	20140331
EP3127385 A1	20170208	EP20140888004	20140331
EP3127385 A4	20171018	EP20140888004	20140331
EP3127385 B1	20190313	EP20140888004	20140331
JP2017516335 T2	20170615	JP20160557052T	20140331
JP6379214 B2	20180822	JP20160557052T	20140331
US2017078126 AA	20170316	US20140122384	20140331
US2018309608 AA	20181025	US20180002613	20180607
US10020973 BB	20180710	US20140122384	20140331
US10341152 BB	20190702	US20180002613	20180607
WO15149213 A1	20151008	WO2014CN074355	20140331

Priority:

EP20140888004 20140331 US20140122384 20140331 WO2014CN074355 20140331
US20160122384 20160829 US20180002613 20180607

Probable Assignee: PANASONIC IP CORP AMERICA

Assignee(s): (std): PANASONIC IP CORP AMERICA

Assignee(s): PANASONIC INTELLECTUAL PROPERTY OF AMERICA CORP ; PANASONIC INTELLECTUAL PROPERTY OF AMERICA TORRANCE CORP

Inventor(s): (std): GOLITSCHKE EDLER VON ELBWART ALEXANDER ; EINHAUS MICHAEL ; WANG LI

Agent(s): GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; SEED IP LAW GROUP LLP; LIU SHEN AND ASSOCIATES

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

18) Family number: 67377159 (WO17189386A1)

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Title: NOVEL SUBSTITUTED IMIDAZOPYRIDINE COMPOUNDS AS INHIBITORS OF INDOLEAMINE 2,3-DIOXYGENASE AND/OR TRYPTOPHAN-2,3-DIOXYGENASE

Abstract: Disclosed herein are substituted imidazopyridine compounds of formula (I) which are inhibitors of indoleamine 2,3-

dioxygenase (IDO) and/or tryptophan-2,3-dioxygenase (TDO) enzymes: (I). Also disclosed herein are uses of the compounds in the potential treatment or prevention of an IDO- and/or TDO-associated disease or disorder. Also disclosed herein are compositions comprising these compounds. Further disclosed herein are uses of the compositions in the potential treatment or prevention of an IDO- and/or TDO-associated disease or disorder.

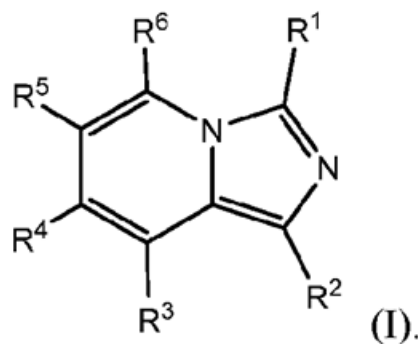
Classifications:

International (IPC 8-9): A61K31/437 A61K31/438 A61P17/02 A61P25/24 A61P25/28 A61P27/12 A61P31/12 A61P31/14 A61P35/00 A61P35/02 A61P37/06 A61P43/00 C07D401/10 C07D519/00 (Advanced/Invention)

International (IPC 1-7): A61P35/00 C07D401/10

CPC: C07D519/00 A61K31/437 A61P35/00

PatBase - W017189386_A1



Family:

Publication number	Publication date	Application number	Application date
AU2017257377 AA	20181011	AU20170257377	20170424
BR112018071602 A2	20190212	BR20181171602	20170424
CA3021589 AA	20181018	CA20173021589	20170424
CN109069873 A	20181221	CN201780026630	20170424
EP3448522 A1	20190306	EP20170790165	20170424
EP3448522 A4	20191127	EP20170790165	20170424
IN201817036070 A	20190118	IN201817036070	20180925
JP2019515923 T2	20190613	JP20180555971T	20170424
KR20190003619 A	20190109	KR20187034045	20170424
MX2018013164 A1	20190624	MX20180013164	20170424
WO17189386 A1	20171102	WO2017US29042	20170424

Priority:

US20160329579P 20160429 WO2017US29042 20170424

Probable Assignee: MERCK SHARP AND DOHME

Assignee(s): (std): BROWN THOMAS J ; COWLEY PHILLIP M ; HAN YONGXIN ; IOMET PHARMA LTD ; MCGOWAN MEREDETH ANN ; LIU KUN ; PU QINGLIN ; ZHANG HONGJUN ; WISE ALAN ; MERCK SHARP AND DOHME ; MERCK SHARP AND DOHME MSD ; ZHOU HUA

Assignee(s): MERCK SHARP AND DOHME CORP

Inventor(s): (std): MCGOWAN MEREDETH ANN ; PU QINGLIN ; ZHANG HONGJUN ; ZHOU HUA ; HAN YONGXIN ; LIU KUN ; COWLEY PHILLIP M ; WISE ALAN ; BROWN THOMAS J ; COWLEY PHILLIP ; PHILLIP M COWLEY ; MEREDETH ANN MCGOWAN ; THOMAS J BROWN ; YONGXIN HAN ; KUN LIU ; QINGLIN PU ; ALAN WISE ; HONGJUN ZHANG ; HUA ZHOU

Agent(s): ALLENS PATENT AND TRADE MARK ATTORNEYS; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; JAAP DAVID ROBERT; ONO MAKOTO; KANAYAMA MASATAKA; TSUBOKURA MICHIAKI; SHIGEMORI KAZUKI; MERCK SHARP AND DOHME CORP

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 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

19) Family number: 34380162 (US7203599B)

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Title: METHOD FOR ACQUIRING TRANSIENT ELECTROMAGNETIC SURVEY DATA

Abstract: A method for controlled source electromagnetic Earth surveying includes deploying a plurality of electromagnetic sensors in a selected pattern at the top of an area of the Earth's subsurface to be surveyed. At least one of a transient electric field and a transient magnetic field is applied to the Earth in the vicinity of the sensors at a plurality of different positions. At least one of electric field amplitude and magnetic field amplitude at each of the sensors is recorded each time the transient electric field and/or magnetic field is applied. Each recording is adjusted for acquisition geometry. An image is generated corresponding to at least one sensor position using at least two stacked, adjusted recordings.

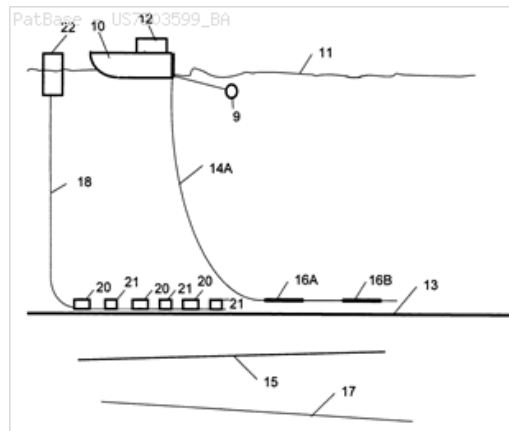
Classifications:

International (IPC 8-9): G01V3/08 G06F19/00 (Advanced/Invention); G01V3/08 G06F19/00 (Core/Invention)

CPC: G01V3/083 G01V3/12

European: G01V3/08F G01V3/12

US: 324/354 324/359 340/286.14 382/285 702/16 702/2 702/5



Family:

Publication number	Publication date	Application number	Application date
US7203599 BA	20070410	US20060343125	20060130
WO07089486 A2	20070809	WO2007US01833	20070124
WO07089486 A3	20080410	WO2007US01833	20070124

Priority:

US20060343125 20060130

Probable Assignee: KJT ENTERPRISES INC

Assignee(s): (std): KJT ENTPR INC ; RUETER HORST ; STRACK KURT M ; THOMSEN LEON A

Assignee(s): BP NORTH AMERICA INC CORP ; KJT ENTERPRISES INC

Inventor(s): (std): THOMSEN LEON A ; RUETER HORST ; STRACK KURT M

Agent(s): RICHARD 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 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 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

20) Family number: 74174175 (US2019125583A)

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Title: FOCUSING LIGHT THROUGH CATARACTOUS LENSES

Abstract: A device for irradiating ocular tissue, including a source of electromagnetic radiation; a beacon scattering the electromagnetic radiation transmitted through an opacity in ocular tissue so as to form scattered electromagnetic radiation; a modulator transmitting output electromagnetic radiation having a field determined from a recording of the scattered electromagnetic radiation transmitted through the opacity, so that the output electromagnetic radiation is transmitted through the opacity to the beacon. The device can be used to treat amblyopia or correct optical aberrations in corneal or lens tissue.

Classifications:

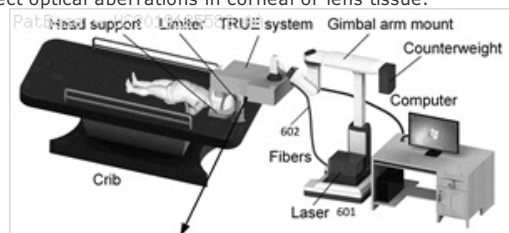
International (IPC 8-9): A61B3/10 A61B8/10

A61F9/008 (Advanced/Invention)

CPC: A61F9/00814 A61F9/00817 A61F2009/00863 A61F2009/00887

A61F2009/00844 A61F2009/0087

US: 1/1



Family:

Publication number	Publication date	Application number	Application date
US2019125583 AA	20190502	US20180178190	20181101
WO19089946 A1	20190509	WO2018US58734	20181101

Priority:

US20170580339P 20171101 US20180178190 20181101

Probable Assignee: CALIFORNIA INST OF TECHN

Assignee(s): (std): CALIFORNIA INST OF TECHN

Assignee(s): CALIFORNIA INST OF TECHNOLOGY

Inventor(s): (std): WANG LIHONG ; BRODIE FRANK L ; SHEN YUECHENG ; LIU YAN ; RUAN HAOWEN

Agent(s): SERAPIGLIA GERARD B

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

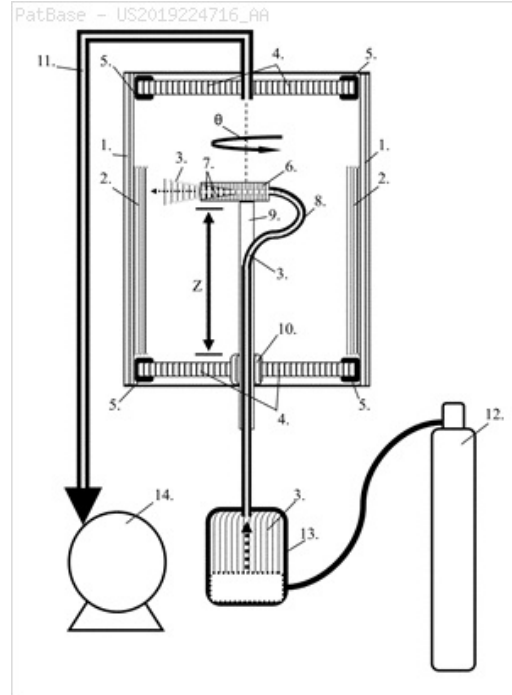
Title: AEROSOL METHOD FOR COATING

Abstract: The present disclosure describes a system and method of depositing ceramic or ceramic composite coatings on the inside surface area of a tubular shape. The system and method described herein can provide an interior coating for tubes and pipes to provide wear resistance, abrasion resistance, and anti-scaling effects.

Classifications:

International (IPC 8-9): B05B7/14 B05D1/12 B05D7/22 B21C23/24 C23C14/04 C23C16/448 C23C2/38 C23C24/02 F16L58/14 (Advanced/Invention)

CPC: C23C24/04 F16L58/14 B05B7/14 B05D1/12 B05D7/225



Family:

Publication number	Publication date	Application number	Application date
US2019224716 AA	20190725	US20180196683	20181120
WO19104074 A1	20190531	WO2018US62077	20181120

Priority:

US20170589151P 20171121 US20180196683 20181120

Probable Assignee: NEW MEXICO TECH UNIV RESEARCH PARK CORP

Assignee(s): (std): NEW MEXICO TECH UNIV RESEARCH PARK CORP

Inventor(s): (std): FUIERER PAUL ; HINTON MATTHEW

Agent(s): OH YOUNG IN

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

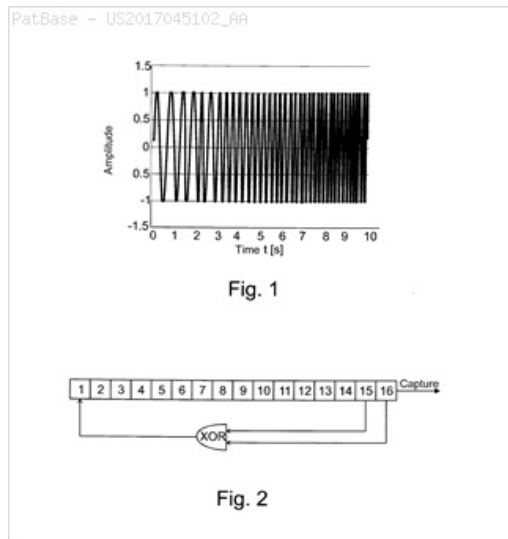
Title: METHOD FOR PARAMETERIZING A SOFTWARE-BASED VIBRATION ABSORBER FOR DAMPING VIBRATIONS CAUSED BY A GRABBING CLUTCH

Abstract: The invention relates to a method for parameterizing a software damper connected to a clutch control system for damping chatter vibrations of a clutch torque being transferred by means of an automated friction clutch which is controlled by the clutch control system by means of a target clutch torque and which is positioned between a combustion engine and a drivetrain of a motor vehicle, wherein the target clutch torque affected in specified operating states by chatter vibrations is corrected by means of the software damper, wherein a transfer behavior of a clutch torque transferred via the friction clutch on the basis of the target clutch torque is ascertained during a modulation of the target clutch torque and the software damper is parameterized with the help of the ascertained transfer behavior. In order to be able to parameterize the software damper quickly and comprehensively, the target clutch torque is modulated by means of a broadband excitation in a frequency range of the chatter vibrations, and the transfer behavior is ascertained depending on operating parameters of the drivetrain.

Classifications:

International (IPC 8-9): B60W30/20 F16D48/06 F16F15/10 G05B13/02 G05B13/04 G05B17/02 G05D19/02 G06F17/50 (Advanced/Invention)

CPC: F16D2300/22 F16F15/10 G05B13/042 G05B17/02 G05D19/02 G06F30/17 F16D48/06 F16D2500/1045 F16D2500/304 F16D2500/308 F16D2500/30806 F16D2500/30816 F16D2500/3125 F16D2500/3163 F16D2500/3168 F16D2500/50293 F16D2500/7044 F16D2500/70605 F16D2500/7061 F16D2500/70668 F16D2500/70673 F16D2500/708 F16D2500/7082 F16D2500/7109 F16D2500/102 F16D2500/10412



Family:

Publication number	Publication date	Application number	Application date
CN106233022 A	20161214	CN201580019985	20150326
CN106233022 B	20190215	CN201580019985	20150326
CN106233023 A	20161214	CN201580019992	20150326
CN106233023 B	20190219	CN201580019992	20150326
CN106233024 A	20161214	CN201580020123	20150326
CN106233024 B	20190607	CN201580020123	20150326
CN106233031 A	20161214	CN201580020122	20150326
CN106233031 B	20190419	CN201580020122	20150326
DE112015001829 A5	20161229	DE201511001829T	20150326
DE112015001832 A5	20161229	DE201511001832T	20150326
DE112015001843 A5	20170119	DE201511001843T	20150326
DE112015001851 A5	20161229	DE201511001851T	20150326
IN201617028031 A	20170106	IN201617028031	20160817
IN201617028403 A	20170106	IN201617028403	20160820
IN201617028404 A	20170113	IN201617028404	20160820
IN201617028616 A	20170113	IN201617028616	20160823
US2017045102 AA	20170216	US20150304327	20150326
US2017108060 AA	20170420	US20150119910	20150326
US2017108061 AA	20170420	US20150300475	20150326
US2017138419 AA	20170518	US20150300043	20150326
US10012275 BB	20180703	US20150300475	20150326
US10197115 BB	20190205	US20150304327	20150326
US10215240 BB	20190226	US20150119910	20150326
US10228028 BB	20190312	US20150300043	20150326
WO15158341 A2	20151022	WO2015DE200194	20150326
WO15158341 A3	20151210	WO2015DE200194	20150326
WO15158342 A2	20151022	WO2015DE200195	20150326
WO15158342 A3	20151210	WO2015DE200195	20150326
WO15158343 A2	20151022	WO2015DE200196	20150326
WO15158343 A3	20151210	WO2015DE200196	20150326
WO15158344 A2	20151022	WO2015DE200197	20150326
WO15158344 A3	20151217	WO2015DE200197	20150326

Priority:

DE201410207310	20140416	DE201410207354	20140416	DE201410207361	20140416
DE201410207833	20140425	DE201410213703	20140715	DE201410213927	20140717
DE201410213925	20140717	DE201410214196	20140722	WO2015DE200194	20150326
WO2015DE200196	20150326	WO2015DE200195	20150326	WO2015DE200197	20150326

Probable Assignee: SCHAEFFLER TECHNOLOGIES AG

Assignee(s): (std): SCHAEFFLER TECH AG ; SCHAEFFLER TECH AND CO AG KG ; SCHAEFFLER TECHNOLOGIES AG ; SCHAEFFLER TECHNOLOGIES GMBH

Assignee(s): SCHAEFFLER TECHNOLOGIES AND CO AG KG

Inventor(s): (std): MULLER DANIEL ; NEUBERTH ULRICH ; MUNOZ CASAS ALEJANDRO ; NEUBERTH ULRICH ; MUELLER DANIEL ; REUSCHEL MICHAEL ; EPPLER FLORIAN

Agent(s): VOLPE AND KOENIG PC

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

Priority:

US20070752739 20070523

Probable Assignee: ANRITSU CO**Assignee(s):** (std): ANRITSU CO ; BRADLEY DONALD ANTHONY**Assignee(s):** ANRITSU COMPANY**Inventor(s):** (std): BRADLEY DONALD ANTHONY**Agent(s):** FLIESLER MEYER LLP**25) Family number: 63924220** (US2018119114A)

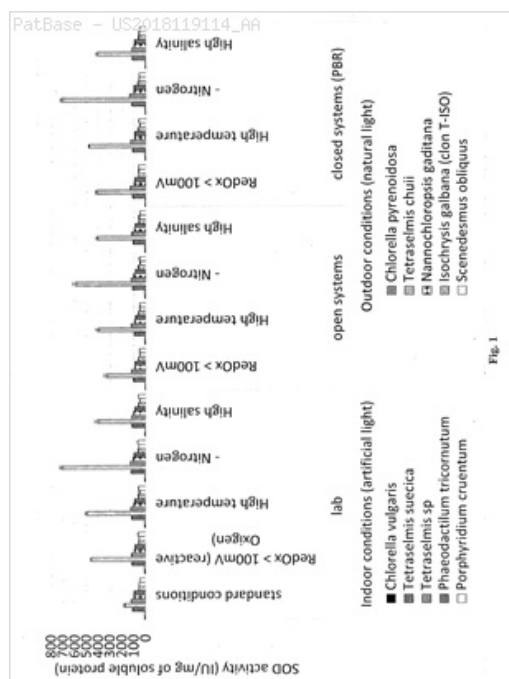
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Title: METHOD FOR OBTAINING A BIOMASS OF A MICROALGA OF THE SPECIES *TETRASELMIS CHUII* ENRICHED IN SUPEROXIDE DISMUTASE (SOD)**Abstract:** The invention relates to a method for enriching a biomass of a microalga of the species *Tetraselmis chuii* in superoxide dismutase (SOD) by placing said microalga under abiotic stress conditions. The invention also relates to a biomass enriched in SOD as well as to an extract of the microalga and to the uses thereof as a pharmaceutical composition, as a cosmetic or in foodstuff.**Classifications:****International (IPC 8-9):** A23L33/105 A23L33/135 A61K36/02 A61K36/05 A61K38/44 A61K8/66 A61K8/9706 A61P39/06 A61P43/00 A61Q19/00 C12N1/12 C12N9/02 C12N9/96 (Advanced/Invention)**CPC:** A61K38/446 C12N1/12 C12N9/0089 C12N9/96 C12Y115/01001

A23L33/135 A23V2002/00 A61K8/66 A61K8/9706 A61K36/02 A61Q19/00

US: 1/1 424/94.4**JP F-Term:** 4B018 4B018/MD89 4B018/ME06 4B018/MF01 4B018/MF06 4B050 4B050/CC07 4B050/DD09 4B050/EE03 4B050/FF01 4B050/FF06 4B050/KK02 4B050/KK05 4B050/KK17 4B050/LL01 4B050/LL02 4B065 4B065/AA83 4B065/AC16 4B065/BB02 4B065/BB03 4B065/BC03 4B065/BC50 4B065/BD01 4B065/BD50 4B065/CA28 4B065/CA41 4B065/CA44 4C084 4C084/AA02 4C084/AA06 4C084/BA44 4C084/CA07 4C084/DC24 4C084/NA20 4C084/ZC21 4C084/ZC41 4C088 4C088/AA15 4C088/NA20 4C088/ZC21 4C088/ZC41 4C201**JP F-Index:** A23L33/105 A61K36/05 A61K38/44 A61P39/06

A61P43/00/111 C12N1/12/A C12N1/12/C C12N9/02

**Family:**

Publication number	Publication date	Application number	Application date
AU2016259098 AA	20171123	AU20160259098	20160505
BR112017023744 A2	20180731	BR20171123744	20160505
CA2984868 AA	20171102	CA20162984868	20160505
EP3091069 A1	20161109	EP20150382235	20150506
EP3292197 A1	20180314	EP20160725049	20160505
EP3292197 B1	20200101	EP20160725049	20160505
JP2018518194 T2	20180712	JP20180509988T	20160505
MX2017014092 A1	20180815	MX20170014092	20160505
US2018119114 AA	20180503	US20160571910	20160505
WO16177853 A1	20161110	WO2016EP60131	20160505

Priority:

EP20150382235 20150506 WO2016EP60131 20160505

Probable Assignee: FITOPLANCTON MARINO S L**Assignee(s):** (std): FITOPLANCTON MARINO S L**Assignee(s):** FITOPLANCTON MARINO SL ; MANTECON GALVEZ EULALIA ; UNAMUNZAGA ESCOSURA CARLOS**Inventor(s):** (std): UNAMUNZAGA ESCOSURA CARLOS ; MANTECON GALVEZ EULALIA ; CARLOS UNAMUNZAGA ESCOSURA ; EULALIA MANTECON GALVEZ**Agent(s):** COLLISON AND CO; BORDEN LADNER GERVAIS LLP; ABG PATENTES SL; ABG INTELLECTUAL PROPERTY LAW SL; ALCONADA RODRIGUEZ AGUSTIN**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: METHOD FOR DETERMINING ELECTROMAGNETIC SURVEY SENSOR ORIENTATION

Abstract: A method for determining orientation of an electromagnetic survey sensor includes deploying the sensor at a selected position on the bottom of a body of water. An electromagnetic field is generated at a selected position in the body of water. A portion of the electromagnetic field is detected along at least two orthogonal directions at the sensor. A portion of the detected electromagnetic field is selected as having traveled only in a vertical plane which includes both source position and sensor position. The polarization direction of the selected portion of the electromagnetic field is determined from the selected portion. The determined polarization direction is used to determine the sensor orientation.

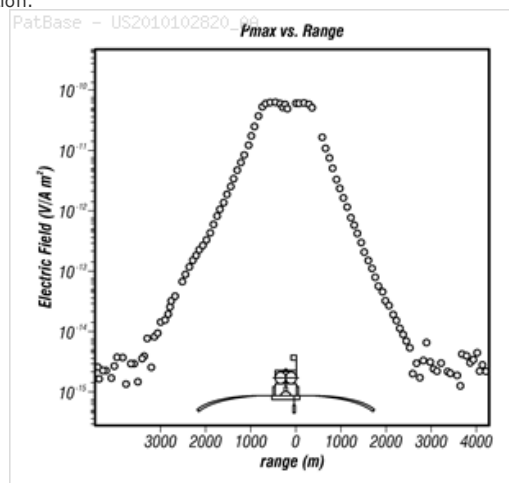
Classifications:

International (IPC 8-9): G01V3/00 G01V3/12 (Advanced/Invention);
G01V3/12 (Core/Invention)

CPC: Y02A90/344 G01V3/12 G01V3/083

European: G01V3/08F G01V3/12

US: 324/326 324/334 324/334P 324/365



Family:

Publication number	Publication date	Application number	Application date
CA2741011 AA	20100429	CA20092741011	20090902
CA2741011 C	20141014	CA20092741011	20090902
CN102197318 A	20110921	CN200980141875	20090902
CN102197318 B	20131211	CN200980141875	20090902
EA018145 B1	20130530	EA20110070360	20090902
EA201170360 A1	20120130	EA20110070360	20090902
EP2350700 A2	201110803	EP20090792196	20090902
US2010102820 AA	20100429	US20080256595	20081023
US8164340 BB	20120424	US20080256595	20081023
WO10047885 A2	20100429	WO2009US55793	20090902
WO10047885 A3	20110127	WO2009US55793	20090902

Priority:

US20080256595 20081023 WO2009US55793 20090902

Probable Assignee: KJT ENTERPRISES INC

Assignee(s): (std): KJT ENTPR INC ; STOYER CHARLES ; MARTINEZ YARDENIA ; THOMSEN LEON A ; ALLEGAR NORMAN C

Assignee(s): KJT ENTERPRISES INC ; KJT ENTERPRISES INC610 - 6420 RICHMOND AVE.HOUSTONTX77057US

Inventor(s): (std): STOYER CHARLES ; ALLEGAR NORMAN C ; MARTINEZ YARDENIA ; THOMSEN LEON A ; YARDENIA MARTINEZ ; CHARLES STOYER

Inventor(s): STOYER CHARLESUS ; THOMSEN LEON AUS ; ALLEGAR NORMAN CUS ; MARTINEZ YARDENIAUS

Agent(s): SHAPIRO COHEN; SHAPIRO COHEN LLP; AVENTUM IP LAW LLP; BOURA OLIVIER; DEWIPAT INC; RICHARD A; ADEBIYI ADENIKE A

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

Title: SYSTEMS AND METHODS FOR PSEUDO-RANDOM SIGNAL GENERATION IN A MULTI-CARRIER COMMUNICATIONS SYSTEM

Abstract: The present invention provides systems and methods for pseudo-random signal generation in a multi-carrier communications system. In embodiments, a transmitter includes a pseudo-random bit sequence (PRBS) generator and Medley signal generator. The PRBS generator can operate in at least one of the following modes: a parameter selection mode, a scrambler mode, and/or a combination mode. The Medley signal generator receives an output bit sequence from the PRBS generator. The Medley signal generator then generates a Medley signal which includes a set of Medley tones encoded based on the output bit sequence from the PRBS generator. The Medley signal is then sent over channels of a multi-carrier communication system such as an ADSL system.

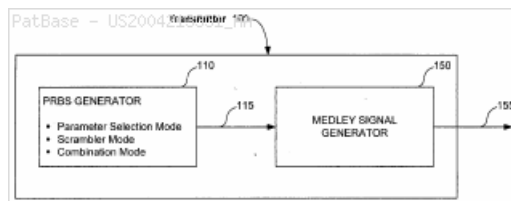
Classifications:

International (IPC 8-9): H04J13/00 H04J3/06 H04L25/03 H04L27/26

H04L9/18 (Advanced/Invention);

H04J13/00 H04J3/06 H04L25/03 H04L27/26 H04L9/18 (Core/Invention)

International (IPC 1-7): H04B15/00 H04K1/00 H04L27/30 H04L5/16
CPC: H04L25/03866 H04J13/00 H04J13/10 H04L27/2613 H04L27/262
European: H04J13/00 H04L25/03E3 H04L27/26M1R3 H04L27/26M2E
H04L9/18 T04J13/10
US: 370/515 375/146 375/146P 375/222 375/222S 379/1.03 379/1.030S



Family:

Publication number	Publication date	Application number	Application date
US2004213331 AA	20041028	US20040755464	20040113
US7515615 BB	20090407	US20040755464	20040113

Priority:

US20030439452P 20030113 US20030440049P 20030115 US20040755464 20040113

Probable Assignee: AVAGO TECHNOLOGIES LTD

Assignee(s): (std): BROADCOM CORP

Assignee(s): AVAGO TECHNOLOGIES GENERAL IP SINGAPORE PTE LTD ; AVAGO TECHNOLOGIES INT SALES PTE LTD ; AVAGO TECHNOLOGIES LTD ; BANK OF AMERICA NA COLLATERAL AGENT AS

Inventor(s): (std): CASSIERS RAPHAEL ; PEETERS MIGUEL

Agent(s): STERNE KESSLER GOLDSTEIN AND FOX PLLC

28) Family number: 55664259 (US2014024528A)

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Title: BIOREFINERY SYSTEM, COMPONENTS THEREFOR, METHODS OF USE, AND PRODUCTS DERIVED THEREFROM

Abstract: In accordance with one embodiment of the present disclosure, a plant cultivation composition is provided. The composition generally includes algae digestate and organic carbon.

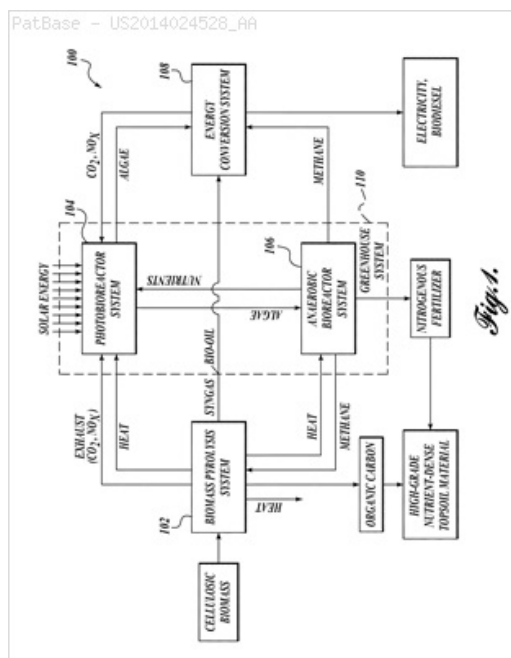
Classifications:

International (IPC 8-9): A01G31/00 A01N65/03 C05D9/00

C05F1/00 (Advanced/Invention)

CPC: A01N65/03 C05F5/008 C05F11/00 Y02W30/47 Y02A40/212

US: 504/117



Family:

Publication number	Publication date	Application number	Application date
US2014024528 AA	20140123	US20130945814	20130718
US2014024529 AA	20140123	US20130945835	20130718
WO14015184 A1	20140123	WO20130945814	20130718

Priority:

US20120673170P 20120718 US20130775538P 20130309 US20130945814 20130718
US20130945835 20130718

Probable Assignee: ALGAE AQUA CULTURE TECHNOLOGY INC

Assignee(s): (std): ALGAE AQUA CULTURE TECHNOLOGY INC

Inventor(s): (std): KELSON ROBIN DORIA ; SMITH MICHAEL FRANCIS ; HOLECEK ROBERT MICHAEL

Agent(s): PEYSER EMILY C

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

