

Diego Gonzalez

Search history

Search 1: STAC=(pH and meter and (sensor or detector*) and laser) (Results 34)

Title: APPARATUS FOR DISEASE DETECTION

Abstract: Source: US2013183660A Among others, the present invention provides apparatus for detecting a disease, comprising a system delivery biological subject and a probing and detecting device, wherein the probing and detecting device includes a first micro-device and a first substrate supporting the first micro-device, the first micro-device contacts a biologic material to be detected and is capable of measuring at the microscopic level an electric, magnetic, electromagnetic, thermal, optical, acoustical, biological, chemical, physical, or mechanical property of the biologic material.

Classifications:

International (IPC 8-9): A47B96/00 A47F3/04 A47F3/06 A47F5/00 A61B10/00 A61B5/00 A61B5/145 A61B5/1455 A61B5/1468 B01L3/00 B32B5/18 C12Q1/68 C12Q1/70 F16L59/02 F25D11/00 F25D23/00 G01D21/02 G01N G01N15/14 G01N21/00 G01N21/17 G01N21/64 G01N27/02 G01N27/26 G01N27/416 G01N29/02 G01N33/48 G01N33/487 G01N33/50 G01N33/52 G01N33/53 G01N33/551 G01N33/68 G01N35/00 G01N35/08 G01N35/10

G01N37/00 (Advanced/Invention);

B01L3/00 C12Q1/02 (Advanced/Non-invention);

A47F3/00 (Core/Invention);

C12Q G01D G01N (Subclass/Invention)

IPC: G01N33/50 C12Q1/68 C12Q1/70 G01N27/416 G01N33/5005 G01N33/68 A61B5/00 A61B2560/0406 B01L3/5027 B01L2300/0654 B01L2300/0681 G01N15/14 G01N35/1095 G01N27/26 A47F3/0469 A47F3/0447 G01N33/5302 G01D21/02 G01N27/02 G01N33/48 G01N33/483 Y10T436/143333 G01N29/2437 A61B5/145 A61B2562/028 B01L3/502707 B01L3/502761 B01L2200/0652 B01L2200/0663 B01L2200/0668 B01L2300/0627 B01L2300/0645 B01L2300/0864 B01L2400/0415 B01L2400/043 B01L2400/0487 G01N35/08 G01N29/02 G01N29/022 G01N2291/02466

European: A61B5/00 B01L3/5027 B01L3/5027A G01N29/02 G01N35/08 K61B560/04B L01L200/06J2 L01L200/06J6 L01L300/06B4 L01L300/06B6 L01L300/06D L01L400/04F6 L01L400/04F8 S01N15/14 S01N291/024K S01N35/10V

US: 204/403.01 204/403.06 205/777.5 205/792 211/134 216/18 422/63 422/67 422/73 422/82.01 422/82.05 427/100 427/526 427/552 427/555 427/97.4 435/287.1 435/287.2 435/29 435/34 435/5 435/6.1 436/86 436/94

PatBase - US2013183660_AA

Patent Application Publication Jul. 18, 2013 Sheet 1 of 58 US 2013/0183660 A1

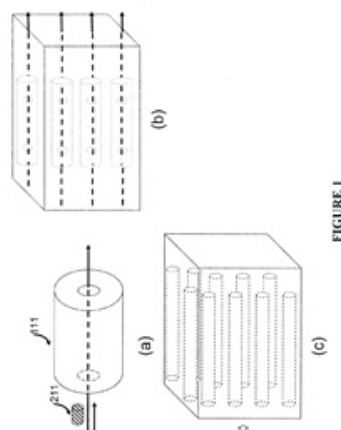


FIGURE 1

Family:

Publication number	Publication date	Application number	Application date
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AU2011272837 AA	20120105	AU20110272837	20110630
AU2011272837 BB	20160908	AU20110272837	20110630
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AU2012231737 AA	20120927	AU20120231737	20120127
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AU2013203895 AA	20141002	AU20130203895	20130411
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AU2015246139 AA	20151126	AU20150246139	20151022
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BR112012033783 A2	20161101	BR20121133783	20110630
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CA2818369 AA	20140915	CA20132818369	20130611
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CL2014000577 A1	20141226	CL20140000577	20140310
CL2016002706 A1	20170324	CL20160002706	20161024
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CN105342554 A	20160224	CN201510541079	20110630
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EP2588860 A4	20170125	EP20110801429	20110630
EP2625522 A2	20130814	EP20110831544	20111005
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IN02835KN2013 A	20140404	IN2013KN02835	20130927
JP2013533040 T2	20130822	JP20130518724T	20110630
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WO12003348 A3	20130103	WO2011US42637	20110630
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WO12128841 A2	20120927	WO2012US22921	20120127
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Priority:

AU20110272837	20110630	AU20110312039	20111005	AU20120231737	20120127
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NZ20120614830	20120127	NZ20110610140	20111005		

Probable Assignee: ANPAC BIO MEDICAL SCIENCE CO LTD

Assignee(s): (std): DU XUEDONG ; YU HE ; YU CHRIS C ; YU CHRIS CHANG ; HUSSMANN CORP ; ANPAC BIO MEDICAL SCIENCE CO LTD ; ANPAC SYSTEM SCIENCE SHANGHAI CO LTD ; SHANGHAI XINSHENPAI TECHNOLOGY CO LTD

Assignee(s): SHANGHAI XINSHENPAI TECHNOLOGY CO ; DICKEY DAVID ; ANPAC BIO MEDICAL SCIENCE CO ; HUSSMANN CORP12999 ST. CHARLES ROCK ROADBRIDGETONMO63044US ; SAMPLE ED ; LAMONTAGNE RICK M ; SLATTON DENISE

Inventor(s): (std): CHANG YU CHRIS ; DICKEY DAVID ; DU XUEDONG ; LAMONTAGNE RICK M ; SAMPLE ED ; SLATTON DENISE ; YU CHRIS C ; YU CHRIS CHANG ; YU HE ; YU CHANG

Inventor(s): SLATTON DENISEUS ; SAMPLE EDUS ; LAMONTAGNE RICK MUS ; DICKEY DAVIDUS ; XUEDONG DU ; HE YU ; CHRIS C YU ; CHRIS CHANG YU

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; FB RICE; FB RICE PTY LTD; GRIFFITH HACK; BERESKIN AND PARR LLP SENCRL SRL; SMART AND BIGGAR; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; PORZIO RIOS AND ASOCIADOS; FELDMANN UTE; PRINZ AND PARTNER; GRAF LAMBSDORFF MATTHIAS; SNYDER CLARK LESCH AND CHUNG LLP; RAO WEISUN

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

Title: APPARATUS FOR IMPROVED DISEASE DETECTION

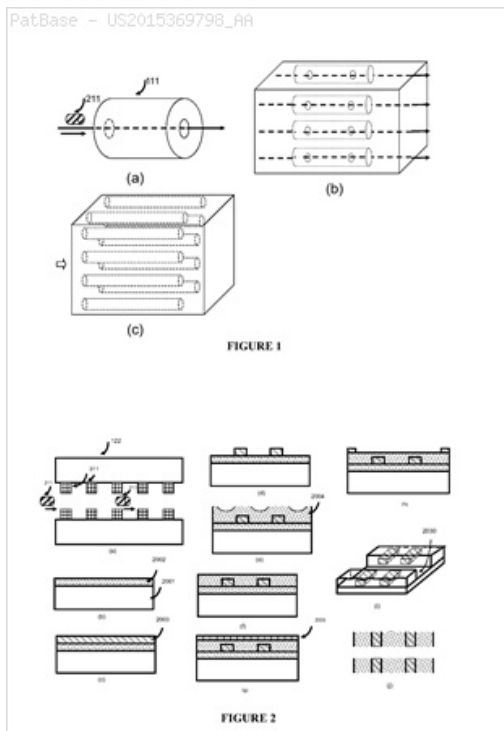
Abstract: Source: US2015369798A An apparatus for detecting a disease in a biological subject comprises a delivery system and at least two sub-equipment units which are combined or integrated in the apparatus, wherein the delivery system is capable of delivering the biological subject to at least one of the sub-equipment units and each sub-equipment unit is capable of detecting at least one property of the biological subject. Methods for detecting a disease with the apparatus are also provided.

Classifications:

International (IPC 8-9): B01L3/00 C12Q1/68 C12Q1/70 G01N1/28 G01N27/00 G01N33/48 G01N33/50 G01N33/53 G01N33/68 G01N35/00 (Advanced/Invention)

CPC: G01N33/5091 B01L3/502761 B01L2200/0652 B01L2300/0645 B01L2300/0816 B01L2300/0864 B01L2300/0887

US: 435/287.1 435/287.2 435/288.7 435/34 435/5 435/6.14



Family:

Publication number	Publication date	Application number	Application date
CA2897133 AA	20150703	CA20142897133	20140107
CN105164530 A	20151216	CN201480004048	20140107
CN105164530 B	20170412	CN201480004048	20140107
CN107051597 A	20170818	CN201710159403	20140107
EP2941645 A1	20151111	EP20140735424	20140107
EP2941645 A4	20160914	EP20140735424	20140107
TW201441607 A	20141101	TW20140100495	20140107
US2015369798 AA	20151224	US20140759364	20140107
WO14106493 A1	20140710	WO2014CN070219	20140107

Priority:

CN201480004048 20140107 US20130749661P 20130107 US20140759364 20140107
WO2014CN070219 20140107

Probable Assignee: ANPAC BIO MEDICAL SCIENCE LISHUI CO LTD

Assignee(s): (std): ANPAC BIO MEDICAL SCIENCE LISHUI CO LTD

Assignee(s): DU XUEDONG ; YU CHRIS C ; ANPAC BIO MEDICAL SCIENCE LISHUI CO

Inventor(s): (std): YU CHRIS C ; DU XUEDONG ; DU XUE DONG

Agent(s): RIDOUT AND MAYBEE LLP; OCONNELL MAURA; CHEN AND PARTNERS

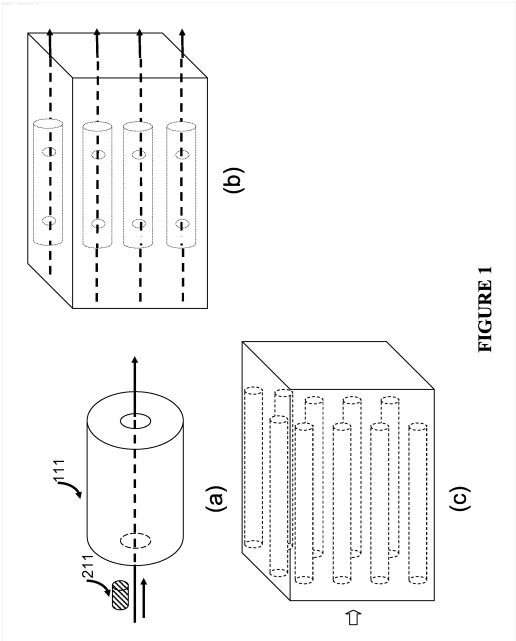
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Title: MICRO-DEVICES FOR IMPROVED DISEASE DETECTION

Abstract: Source: US2013236882A Among others, the present invention provides micro-devices for detecting or treating a disease, each comprising a first sorting unit capable of detecting a property of the biological subject at the microscopic level and sorting the biological subject by the detected property; a first detection unit capable of detecting the same or different property of the sorted biological subject at the microscopic level; and a first layer of material having an exterior surface and an interior surface, wherein the interior surface defines a first channel in which the biological subject flows from the first sorting unit to the first detection unit.

Classifications:

International (IPC 8-9): B01L3/00 C12M1/34 C12Q1/70 G01N15/02 G01N15/10 G01N15/14 G01N27/26 G01N33/50 G01N33/53 G01N35/00 (Advanced/Invention); G01N15/02 G01N15/10 G01N35/00 (Advanced/Non-invention)
CPC: G01N33/5091 B01L3/502761 B01L2200/0652 B01L2200/0663 B01L2200/0668 B01L2300/0636 B01L2300/0645 B01L2400/0487 G01N15/1056 G01N15/1484 G01N2015/0288 G01N2015/1006 G01N2035/00158 Y10T436/143333
US: 422/68.1 422/69 422/82.01 422/82.02 422/82.05 422/82.08 422/82.09 422/82.12 422/82.13 435/287.1 435/29 435/5 436/86 436/94



Family:

Publication number	Publication date	Application number	Application date
CN104303056 A	20150121	CN201380010950	20130308
EP2823305 A1	20150114	EP20130758405	20130308
EP2823305 A4	20151118	EP20130758405	20130308
TW201400811 A	20140101	TW20130108215	20130308
US2013236882 AA	20130912	US20130789799	20130308
US9689863 BB	20170627	US20130789799	20130308
WO13131411 A1	20130912	WO2013CN000247	20130308

Priority:

US20120608363P 20120308 US20130789799 20130308 WO2013CN000247 20130308

Probable Assignee: SHANGHAI XINSHENPAI TECHNOLOGY CO

Assignee(s): (std): CHANG HE BIO MEDICAL SCIENCE YANGZHOU CO LTD ; DU XUEDONG ; YU HE ; YU CHRIS C ; SHANGHAI XINSHENPAI TECH CO LTD

Assignee(s): SHANGHAI XINSHENPAI TECHNOLOGY CO ; SHANGHAI XINSHENPAI TECHNOLOGY CO LTD ; ANPAC BIO MEDICAL SCHIENCE CO LTD ; ANPAC BIO MEDICAL SCIENCE CO LTD ; CHANG HE BIO MEDICAL SCIENCE YANGZHOU CO ; CHANGE HE BIO MEDICAL SCIENCE YANGZHOU CO LTD

Inventor(s): (std): DU XUE DONG ; DU XUEDONG ; YU CHRIS C ; YU HE

Agent(s): PATENTANWALTE LAMBSDORFF AND LANGE; WEISUN; GREENBERG TRAUIG LLP; CHEN AND PARTNERS

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

Title: METHOD AND APPARATUS FOR POWER EXTRACTION IN A PRE-EXISTING AC WIRING INFRASTRUCTURE

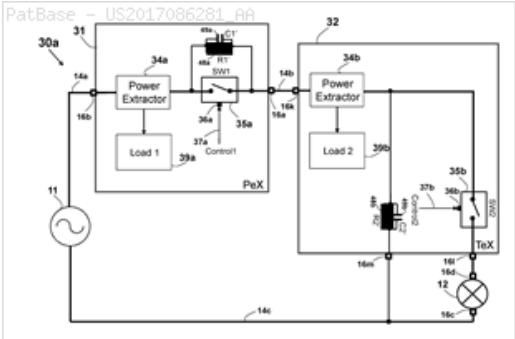
Abstract: Source: US2017086281A A method and apparatus for extracting power in a switch location, and in a load location for use in a pre-existing infrastructure of switching AC power to a lamp (or other load) via a two terminal switch device. The switch is replaced with a module including a first controlled switch (such as a triac or relay) and a first impedance (such as a capacitor) connected in parallel, and another module including a second controlled switch (such as a triac or relay) and a second impedance (such as a capacitor) connected in parallel, is installed at the load location. In an 'off' state where the two controlled switches are in 'open' state, current is flowing via the impedances, but not through the load, so that power extractor circuits in the modules, connected in series to the impedances, extract low power for DC powering logic and other loads in the modules.

Classifications:

International (IPC 8-9): G08C17/02 G08C19/12 H02J3/14 H02J3/28 H05B37/02 (Advanced/Invention)

CPC: H02M2001/0006 H05B39/086 H05B37/0227 H02J3/14 F21V23/04 H05B37/0272 H04W84/12 H05B39/088

US: 315/283



Family:

Publication number	Publication date	Application number	Application date
US2017086281 AA	20170323	US20160359797	20161123
WO16110833 A2	20160714	WO2015IL51172	20151202
WO16110833 A3	20160825	WO2015IL51172	20151202

Priority:

US20150100078P 20150106 US20160359797 20161123 WO2015IL51172 20151202

Probable Assignee: CMOO SYSTEMS LTD

Assignee(s): (std): CMOO SYSTEMS LTD ; CMOO SYSTEMS LTD

Inventor(s): (std): AVRAHAM AVRAHAM

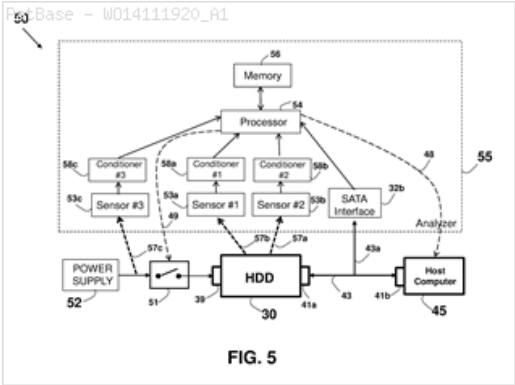
Agent(s): BINDER SHEM TOV DORIT

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

Title: SYSTEM AND METHOD FOR MONITORING OF AN ELECTRO-MECHANICAL DEVICE

Abstract: A method and apparatus for use with a host computer communicating messages with a computer peripheral over a computer bus is disclosed, where the computer peripheral may be in multiple states. The peripheral may be input or output device, or mass storage device such as hard disk drive. The device communicates with the host computer and the computer peripheral using proprietary or industry standard protocol or bus, which may be based on a point-to-point serial communication such as SATA. The peripheral state is determined based on monitoring the messages carried over the bus, and compared with the **sensor** associated with the peripheral operation. The **sensor** may be a microphone or a camera, and the system may include voice or image processing. The comparison may suggest a malfunction or a suspected operation according to a pre-defined scheme, and a signal is accordingly produced.

Classifications:
International (IPC 8-9): G06F G06F9/00
G11B19/20 (Advanced/Invention)
CPC: G06F11/20 G06F11/30 G06F21/00 G06F11/00



Family:

Publication number	Publication date	Application number	Application date
IL224265 A0	20130324	IL20130224265	20130117
WO14111920 A1	20140724	WO2014IL50029	20140113

Priority:

IL20130224265 20130117

Probable Assignee: SURE ERASURE LTD

Assignee(s): (std): SURE ERASURE LTD

Assignee(s): YANIV BITTON ; ELI SASON ; HAGGAI YEDIDIA ; ORLY SHDEMA

Inventor(s): (std): BINDER YEHUDA ; BITTON YANIV ; SASON ELI ; SHDEMA ORLY ; YEDIDIA HAGGAI

Inventor(s): YANIV BITTON ; ELI SASON ; HAGGAI YEDIDIA ; ORLY SHDEMA

Agent(s): SHEM TOV DORIT

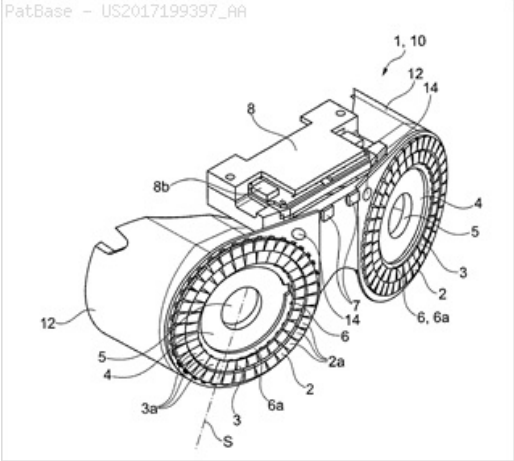
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Title: DEVICE AND METHOD FOR PROTECTING THE EYES FROM RADIATION

Abstract: Source: US2017199397A Device (1) for protecting the eyes from radiation, preferably in the range from 100 nm to 1 mm and in particular from UV, light or infrared, comprising at least two **sensor** arrangements (2, 3), an external **sensor** arrangement (2) and an internal **sensor** arrangement (3), wherein each **sensor** arrangement (2, 3) comprises a plurality of radiation **sensors** (2a, 3a) arranged one after the other, which are each arranged along a closed curve (2b, 3b), and wherein the internal **sensor** arrangement (3) is surrounded by the external **sensor** arrangement (2), and wherein the external **sensor** arrangement and internal **sensor** arrangement (2, 3) are arranged adjacently to each other, and wherein the internal **sensor** arrangement (3) encloses a radiation passage region (4), and wherein the radiation passage region (4) comprises a radiation passage opening (5), and wherein a closing device (6) is arranged in such a way with respect to the radiation passage region (4) that an incident radiation (S) passing through the radiation passage opening (5) is either let pass through or at least partially attenuated, and comprising a control device (8) which is connected to the internal **sensor** arrangement (2), the external **sensor** arrangement (3) and the closing device (6).

Classifications:

International (IPC 8-9): A61F9/02 A61F9/04 G02B26/02 G02C7/10 G02C7/16 (Advanced/Invention)
CPC: G02C7/104 A61F9/045 G02B26/02 G02C7/16 G02C7/101 A61F9/023



Family:

Publication number	Publication date	Application number	Application date
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EP3166552 A1	20170517	EP20150744138	20150713
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Priority:

EP20140176838 20140713 WO2015EP65958 20150713

Probable Assignee: CARUSO GIUSEPPE MR

Assignee(s): (std): CARUSO GIUSEPPE ; CARUSO GIUSEPPE NUNZIO ; CARUSO NUNZIO GIUSEPPE

Assignee(s): CARUSO GIUSEPPE MR

Inventor(s): (std): CARUSO GIUSEPPE ; CARUSO GIUSEPPE NUNZIO ; CARUSO NUNZIO GIUSEPPE

Agent(s): CARUSO GIUSEPPE MR; DR GRAF AND PARTNER INTELLECTUAL PROPERTY AG

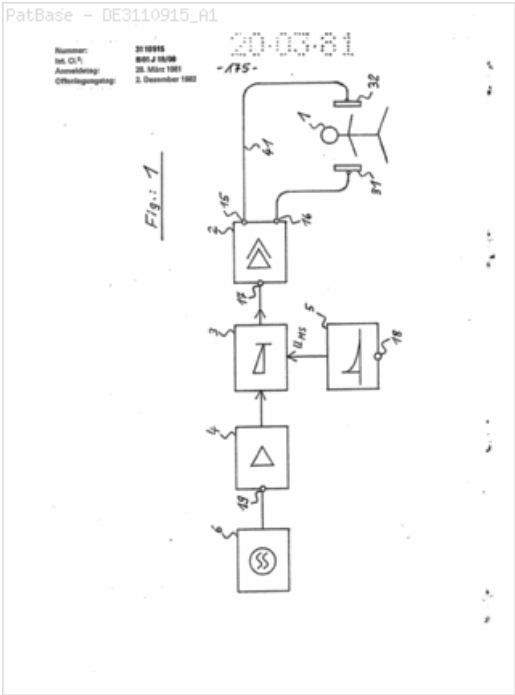
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Title: THERAPEUTIC APPLIANCE FOR TREATING WATER AND/OR BIOLOGICAL SYSTEMS WITH MAGNETIC FIELDS AND/OR ELECTROMAGNETIC RADIATION AND/OR ELECTRIC CURRENTS

Abstract: Source: DE3110915A1 Published without abstract.

Classifications:

International (IPC 8-9): A61N1/16 A61N1/40 A61N2/00 A61N5/00 A61N5/02 (Advanced/Invention); A61N5/073 C02F1/00 C02F1/48 (Advanced/Non-invention); A61N1/00 A61N1/40 A61N2/00 A61N5/00 A61N5/02 (Core/Invention); A61N5/06 C02F1/00 C02F1/48 (Core/Non-invention)
International (IPC 1-7): A61N1/16 A61N1/32 A61N1/40 A61N1/42 A61N5/02 A61N5/06 B01J19/00 B01J19/08 B01J19/12 C02F1/48
CPC: Y02W10/37 A61N5/00 A61N1/16 A61N1/40 A61N2/00 A61N5/02 A61N2005/073 C02F1/005 C02F1/48
European: A61N1/16 A61N1/40 A61N2/00 A61N5/00 A61N5/02 K61N5/073 M02F1/00M M02F1/48



Family:

Publication number	Publication date	Application number	Application date
DE3110915 A1	19821202	DE19813110915	19810320

Priority:

DE19813110915 19810320

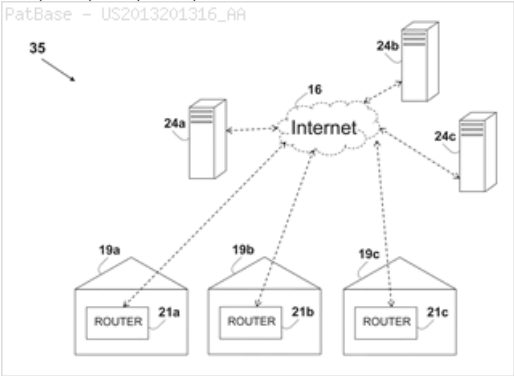
Probable Assignee: MERSMANN LUDGER
Assignee(s): (std): MERSMANN LUDGER
Inventor(s): (std): MERSMANN LUDGER

Title: SYSTEM AND METHOD FOR SERVER BASED CONTROL

Abstract: Source: US2013201316A A system and method in a building or vehicle for an actuator operation in response to a **sensor** according to a control logic, the system comprising a router or a gateway communicating with a device associated with the **sensor** and a device associated with the actuator over in-building or in-vehicle networks, and an external Internet-connected control server associated with the control logic implementing a PID closed linear control loop and communicating with the router over external network for controlling the in-building or in-vehicle phenomenon. The **sensor** may be a microphone or a camera, and the system may include voice or image processing as part of the control logic. A redundancy is used by using multiple **sensors** or actuators, or by using multiple data paths over the building or vehicle internal or external communication. The networks may be wired or wireless, and may be BAN, PAN, LAN, WAN, or home networks.

Classifications:

International (IPC 8-9): H04L29/08 (Advanced/Invention)
CPC: H04L67/12 B60K31/00 B60K31/18 B60Y2200/11 B60Y2200/12 B60Y2200/126 B60Y2200/13 B60Y2200/30 B60Y2200/40 B60Y2200/50 B60Y2200/90 G01C21/00 G06Q2240/00 G07C5/008 G08G1/00
US: 348/143 348/77 370/276 700/22 700/28 701/2 701/31.4 701/48 709/218



Family:

Publication number	Publication date	Application number	Application date
US2013201316 AA	20130808	US20130733634	20130103
US2017078400 AA	20170316	US20160361434	20161127

Priority:

US20120584500P 20120109	US20120620129P 20120404	US20120637030P 20120423
US20120647034P 20120515	US20130733634 20130103	US20160361434 20161127

Probable Assignee:

MAY PATENTS LTD

Assignee(s): (std):

MAY PATENTS LTD

Inventor(s): (std):

BINDER YEHUDA ; MAYTAL BENJAMIN

Title: MAPPING OF DIFFERENTIAL DISPLAY OF PROTEINS

Abstract: Source: US2002039747A The present invention relates to protein separation systems and methods capable of resolving and characterizing large numbers of cellular proteins. In particular, the present invention provides a novel mass mapping system and methods for the differential display of proteins. The present invention further provides novel methods for displaying differential protein expression between two samples. In particular, the present invention provides novel method of mapping differential expression of proteins in non-cancerous, pre-cancerous, and cancerous cells.

Classifications:

International (IPC 8-9): B01D15/08 B01J20/281 B01J20/283 C07K1/00 C07K1/04 C07K1/16 C07K1/28 C07K1/36 C07K14/47 C07K17/02 C12M1/34 C12M3/00 C40B30/00 C40B30/04 C40B50/14 C40B50/18 G01N1/28 G01N27/447 G01N27/62 G01N30/02 G01N30/04 G01N30/26 G01N30/34 G01N30/46 G01N30/72 G01N30/74 G01N30/82 G01N30/86 G01N30/88 G01N31/00 G01N33/483 G01N33/53 G01N33/543 G01N33/68 G06F19/00 G06F19/26 (Advanced/Invention); G01N30/02 G01N30/46 G01N30/52 G01N30/72 G01N30/82 G01N30/86 G01N30/88 G06F19/18 (Advanced/Non-invention); C07K1/00 C40B30/00 C40B30/04 C40B50/14 G01N1/28 G01N27/447 G01N33/68 G06F19/00 (Core/Invention); G01N30/00 (Core/Non-invention)

International (IPC 1-7): B01D15/08 B05D3/00 C07K1/00 C07K1/20 C07K14/47 C07K17/02 C12M1/34 G01N1/00 G01N27/26 G01N27/447 G01N27/62 G01N30/04 G01N30/26 G01N30/34 G01N30/48 G01N30/72 G01N30/74 G01N30/88 G01N31/00 G01N33/48 G01N33/483 G01N33/53 G01N33/543 G01N33/561 G01N33/68 G06F19/00 G06T15/00

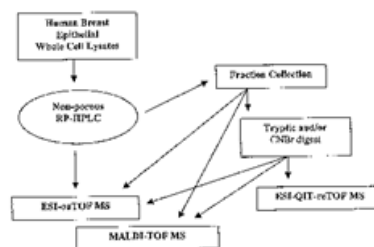
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European: C07K1/04C C07K1/107D4 C07K1/28 C07K1/36 C07K14/47A34 C07K17/02 C40B50/14 G01N27/447B3A G01N27/447C4 G01N27/447C8 G01N30/46A4 G01N33/543K4 G01N33/68A G01N33/68A4 G01N33/68A8 G06F19/26 L01J219/00C10B4 L01J219/00C4H L01J219/00C4L2 L01J219/00C4L24 L01J219/00C6P M07K203/00 M07K205/02 S01N30/02 S01N30/02A4 S01N30/46 S01N30/46A S01N30/46B S01N30/52C S01N30/72L S01N30/82 S01N30/86C S01N30/88A S01N30/88C1 S01N30/88C1P S06F19/18

US: 204/459 204/459S 204/548 204/548S 204/61 204/610 204/610S 204/644 204/644S 210/656 345/419 345/419P 422/68.1 422/68.100S 422/7 422/70 422/70S 427/2.11 427/2.110S 435/287.2 435/287.200S 435/288.6 435/7.1 435/7.100P 435/7.100S 436/161 436/161S 436/171 436/171S 436/173 436/173S 436/174 436/174P 436/174S 436/178 436/178P 436/178S 436/516 436/516S 436/86 436/86P 506/18 506/18S 506/30 506/30S 506/32 506/32S 506/40 506/40S 506/7 506/7P 506/9 506/9P 530/417 702/19 702/27

PatBase - US2002039747_AA

Patent Application Publication Apr. 4, 2002 Sheet 1 of 7 US 2002/0039747 A1

Figure 1**Family:**

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Priority:

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Probable Assignee: MICHIGAN THE UNIV OF

Assignee(s): (std): ETHIER STEPHEN P ; HANASH SAMIR M ; HINDERER ROBERT ; KACHMAN MAUREEN ; LUBMAN DAVID M ; KACHMAN MAUREEN T ; MISEK DAVID ; NORTH ROBERT ; HORVATH THOMAS ; LAXMAN BHARATHI ; LUBMAN DAVID ; PAL MANOJ ; PARUS STEPHEN ; UNIV MICHIGAN ; WALL DANIEL B ; PARUS STEPHEN J ; YAN FANG ; SREEKUMAR ARUN ; BARDER TIMOTHY ; BARDER TIMOTHY J ; CHINNAIYAN ARUL M ; CHONG BATHSHEBA E ; EICHROM TECHNOLOGIES INC

Assignee(s): EPROGEN INC ; THE UNIV OF MICHIGAN ; REGENT OF UNIV ; REGENTS OF THE UNIVERSITY OF MICHIGAN ; THE REGENTS OF THE UNIVERSITY OF MICHIGAN ; THE UNIV MICHIGAN ; THE UNIV ; UNIV ; PROMIGEN LIFE SCIENCES LLC ; US GOVERNMENT SECRETARY FOR ARMY ; REGENT OF UNIV OF MICHIGAN ; UNIV OF MICHIGAN ; MICHIGAN THE UNIV ; NATIONAL SCIENCE FOUNDATION ; NATIONAL INST ; NATIONAL INSTITUTES OF HEALTH ; MICHIGAN THE UNIV OF ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALT ; NATIONAL INSTITUTES OF HEALTH (NIH) US DEPT OF HEALTH AND HUMAN SERVICES (DHHS) US GOVERNMENT ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; OF MICHIGAN UNIV ; MICHIGAN UNIV ; MICHIGAN THE UNIVERSITY

Inventor(s): (std): CHINNAIYAN ARUL M ; CHONG BATHSHEBA E ; HORVATH THOMAS ; KACHMAN MAUREEN ; KACHMAN MAUREEN T ; LAXMAN BHARATHI ; LUBMAN DAVID M ; MISEK DAVID E ; NORTH ROBERT ; NORTH ROBERT C ; PARUS STEPHEN ; PARUS STEPHEN J ; SREEKUMAR ARUN ; BARDER TIMOTHY ; BARDER TIMOTHY J ; WALL DANIEL B ; YAN FANG ; PAL MANOJ ; MISEK DAVID ; LUBMAN DAVID ; HINDERER ROBERT ; HANASH SAMIR M ; ETHIER STEPHEN P ; BARDER TIIMOTHY ; FANG YAN ; DAVID M LUBMAN ; CHINNAIYAN ARUL ; BHARATHI LAXMAN ; ARUN SREEKUMAR ; ARUL M CHINNAIYAN

Inventor(s): ETHIER STEPHEN ; CHONG BATHSHEBA ; WALL DANIEL ; BATHSHEBA E CHONG ; STEPHEN J PARUS ; THOMAS HORVATH ; TIMOTHY J BARDER ; ROBERT HINDERER ; ROBERT NORTH ; SAMIR M HANASH ; MAUREEN T KACHMAN ; DANIEL B WALL ; DAVID MISEK

Agent(s): PIZZEYS ; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD ; SPRUSON AND FERGUSON ; SMART AND BIGGAR ; SIM AND MCBURNEY ; GLAWE DELFS MOLL ; SHIMIZU HATSUSHI ; HASHIMOTO KAZUNORI ; MEDLEN AND CARROLL LLP, SUITE 350 ; MEDLEN AND CARROLL LLP SUITE 350 ; CASIMIR JONES SC ; MEDLEN AND CARROLL LLP

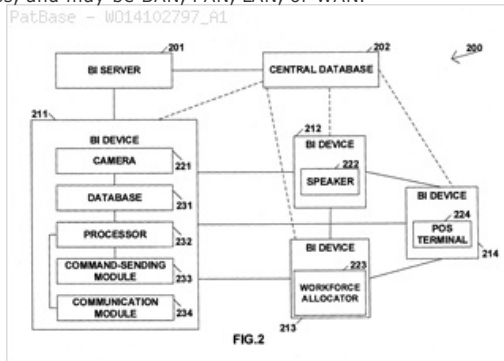
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Title: DISTRIBUTED BUSINESS INTELLIGENCE SYSTEM AND METHOD OF OPERATION THEREOF

Abstract: A distributed Business Intelligence (BI) system and method in a store is disclosed. The system includes multiple BI devices interconnected over one or more networks. Each BI device includes a **sensor** for capturing data, and a BI insight is generated based on analysis of the captured data, such as counting people in a queue at the Point-of-Sale (PoS). The BI insight triggers a BI command sent to a BI device having an actuator, for generating an action in response to the BI command. The **sensor** may be a microphone or a video camera, and the system may include voice or image processing (such as video analytics) for generating the BI insight. A redundancy may be used by using multiple **sensors** or actuators, or by using multiple data paths. The network may be wired or wireless, and may be BAN, PAN, LAN, or WAN.

Classifications:

International (IPC 8-9): G06Q10/06 G08B13/196 (Advanced/Invention)
CPC: G07C2011/04 G07C11/00



Family:

Publication number	Publication date	Application number	Application date
WO14102797 A1	20140703	WO20131L51080	20131230

Priority:

US20120747314P 20121230

Probable Assignee: WISEYE VIDEO SYSTEM LTD

Assignee(s): (std): WISEYE VIDEO SYSTEM LTD

Inventor(s): (std): NAKDIMON SHALOM

Agent(s): SHEM TOV DORIT

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