

Search history

Search smart and tv (Results 47675)

1:

Search smarttv (Results 631)

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Search 1 and 2 (Results 527)

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Search 3 and videogame (Results 4)

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Search pn=US20120291081 (Results 1)

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Search [SP]: 1. a television set, comprising a. a television screen, b. at least one peripheral electronic device connected to said television set, and c. a processor programmed to cause images to be displayed on said television screen, and said processor further being programmed to connect said at least one peripheral electronic device such that an image is displayed on said television screen so that a viewer can select said at least one peripheral electronic device immediately after turning on said television set. 2. the television set as in claim 1, wherein said at least one peripheral electronic device is an internally mounted internet video streaming receiver box connected to said processor and providing information from the internet to said processor. 3. the television set as in claim 1, wherein said at least one peripheral electronic device is a internet video streaming receiver box connected to said processor and providing information from the internet to said processor. 4. the television set as in claim 1 wherein said at least one peripheral electronic device is a roku(r) internet video streaming receiver box. 5. the television set as in claim 1, wherein said television set is lcd television set. 6. the television set as in claim 1, wherein said television set is a led television set. 7. the television set as in claim 1, wherein said television set is a plasma television set. 8. the television set as in claim 1, wherein said television set is a smart television set. (Results 0)

Search tv and game (Results 46788)

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Search 7 and 1 (Results 19755)

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Search 8 and 2 (Results 260)

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Search 9 and wireless (Results 235)

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Search 10 and chatpad (Results 0)

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Search 10 and control (Results 228)

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Search 12 and GPU (Results 20)

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Search 13 and ram (Results 19)

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Search 14 and controller (Results 18)

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Search 16 and touchpad (Results 10)

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Search pn=WO/2016/153507 (Results 1)

18:

Search [SP]: 1. a surface excitation ranging method that comprises: installing a customized grounding arrangement for a power supply located at earth's surface, wherein the customized grounding arrangement fulfills an impedance criteria or ranging performance criteria conveying an electrical current output from the power supply along a target well with a metal casing sensing electromagnetic (em) fields emitted from the target well due to the electrical current and using distance or direction information obtained from the sensed em fields to guide drilling of a new well relative to the target well. 2. the method of claim 1, wherein installing the customized grounding arrangement comprises connecting the power supply to a metal casing installed in a well separate from the target well and the new well. 3. the method of claim 1, wherein installing the customized grounding arrangement comprises connecting the power supply to a ground stake deployed entirely below earth's surface. 4. the method of claim 3, further comprising drilling an open borehole or using an available open borehole to deploy the ground stake entirely below earth's surface. 5. the method of claim 3, further comprising drilling a pilot hole to deploy the ground stake entirely below earth's surface. 6. the method of claim 1, wherein installing the customized grounding arrangement comprises connecting the power supply to a grounding cable having an insulated portion and an exposed portion, and wherein the exposed portion is below earth's surface. 7. the method of claim 1, wherein installing the customized grounding arrangement comprises connecting the power supply to an elongated ground stake with an underground length that exceeds a predetermined threshold. 8. the method of claim 1, further comprising spacing the customized grounding arrangement from the target well based on predetermined distance or range criteria, and extending an insulated cable between the power supply and a grounding location below earth's surface. 9. the method according to claim 1, further comprising adjusting customized grounding arrangement options until an impedance is below a threshold associated with the impedance criteria. 10. the method according to claim 1, further comprising adjusting customized grounding arrangement options until a ranging signal-to-noise ratio (snr) is above a threshold associated with the ranging performance criteria. 11. a surface excitation ranging system that comprises: a power supply located at earth's surface a customized grounding arrangement for the power supply, wherein the customized grounding arrangement fulfills an impedance criteria or a ranging performance criteria a target well with a metal casing to convey an electrical current output from the power supply along its length at least one sensor to detect electromagnetic (em) fields emitted from the target well due to the electrical current and a directional drilling tool to drill a new well relative to the target well based on distance or direction information obtained from the detected em fields. 12. the system of claim 11, wherein the customized grounding arrangement comprises a metal casing installed in a well separate from the target well and the new well. 13. the system of claim 11, wherein the customized grounding arrangement comprises a ground stake deployed entirely below earth's surface. 14. the system of claim 13, wherein the ground stake is deployed entirely below earth's surface using an open borehole. 15. the system of claim 13, wherein the ground stake is deployed entirely below earth's surface using a pilot hole. 16. the system of claim 11, wherein the customized grounding arrangement comprises an elongated ground stake with an underground length that exceeds a predetermined threshold. 17. the system of claim 11, wherein the customized grounding arrangement comprises a grounding cable with an insulated portion and an exposed portion, wherein the exposed portion is below earth's surface. 18. the system of claim 11, wherein the customized grounding arrangement comprises an insulated cable that extends between the power supply and a location below earth's surface. 19. the system of claim 11, wherein the customized grounding arrangement is spaced from the target well based on predetermined distance or range criteria. 20. the system according to claim 11, further comprising a resistivity or conductivity logging tool to collect formation property measurements at one or more points along the target well, wherein the impedance criteria is based on the collected measurements. (Results 0)

Search grounding and arrangement (Results 56430)

20:

Search surface and exitation (Results 1080)

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Search 20 and 21 (Results 13)
22:
Search drill or drilling (Results 752053)
23:
Search 23 and grounding (Results 5123)
24:
Search 24 and electromagnetic (Results 1432)
25:
Search 25 and impedance (Results 634)
26:
Search 26 and noise (Results 390)
27:
Search 27 and SNR (Results 23)
28:
Search 28 and resistance (Results 21)
29:
Search 28 and underground (Results 10)
30:

Title: APPARATUS AND METHOD FOR PRODUCING HIGH REGISTRATION PHOTO MASKS

Abstract: A system is provided for producing high registration photo-optical masks. A control system generates signals to a step and repeat contact printing machine that exposes many prints of the master die images on a photographic film, where these prints have a high registration characteristic. Claims, 10 Drawing Figures

Classifications:

International (ipc 8-9): B41F33/10 B41F33/16 B60R16/02 B60R16/037 F21V23/00 G01B11/26 G01J1/42 G01R15/00 G01S15/89 G01S3/80 G01S3/86 G01S7/52 G01V1/28 G02B26/02 G02F1/01 G02F1/13 G02F1/133 G03B27/04 G03B27/52 G03B9/00 G03F7/20 G03F9/00 G04G99/00 G05B1/03 G05B15/00 G05B19/18 G05B19/35 G05B19/408 G05B19/409 G05B19/4093 G05B19/414 G05D25/02 G05D3/20 G06F12/00 G06F12/02 G06F13/10 G06F13/12 G06F13/16 G06F15/00 G06F17/10 G06F17/14 G06F19/00 G06F3/00 G06F3/023 G06F3/033 G06F3/038 G06F3/14 G06F3/147 G06F3/16 G06F9/22 G06F9/46 G06J1/00 G06K9/40 G06T1/20 G06T3/00 G07G1/12 G09G3/36 G09G5/00 G09G5/18 G09G5/20 G10L15/22 G10L19/00 G11C11/406 G11C11/56 G11C17/10 G11C19/18 G11C19/28 G11C19/36 G11C27/00 G11C27/02 G11C27/04 H03H17/02 H04N3/10 H04N5/66 H04N5/74 H04N9/31 (Advanced/Invention); G03F7/20 G03F9/00 G06F15/00 G06F3/023 G06F3/14 G06F3/147 (Core/Invention)

International (ipc 1-7): G01J1/32 G01S9/66 G01V1/00 G01V1/28 G02F1/13 G03B19/00 G03B27/02 G03B27/04 G03B27/32 G03B27/52 G03H3/00 G05B1/01 G05B1/02 G05B15/00 G05B19/02 G05B19/18 G06F1/00 G06F11/00 G06F12/00 G06F12/02 G06F13/00 G06F15/00 G06F15/20 G06F15/31 G06F15/332 G06F15/336 G06F15/34 G06F15/40 G06F15/46 G06F17/14 G06F3/00 G06F3/02 G06F3/10 G06F3/16 G06F7/00 G06F9/06 G06F9/18 G06F9/22 G06J1/00 G06K9/00 G09G1/28 G09G3/36 G09G5/00 G11C11/00 G11C11/40 G11C13/00 G11C17/00 G11C27/00 G11C7/00 H01J61/12 H01J61/30 H04M1/00 H04N5/66 H04N5/74 H04N9/31

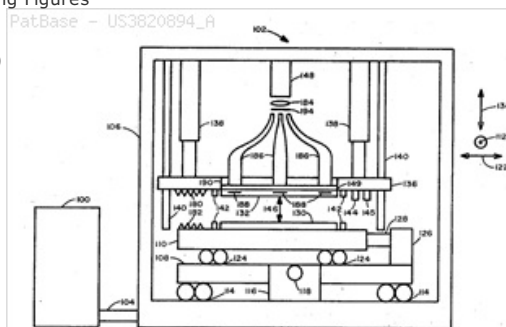
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European: B60R16/02B6D B60R16/037B F21V23/00 G01S15/89D5B G01S15/89D6 G01S7/52S2B1 G02F1/01D G02F1/133D2 G03F7/20T22 G03F7/70L10D G03F7/70L2H G03F9/70D G03F9/70M G04G99/00M G05B19/35C G05B19/408 G05B19/408A G05B19/408C G05B19/409 G05B19/4093 G05B19/414 G05B19/414K G06F12/02C G06F13/12 G06F13/16 G06F3/023A5 G06F3/02A5 G06F3/033Z9 G06F3/038E G06F3/147 G06J1/00 G06Q20/209 G07G1/12 G09G5/18 G09G5/20 G10L19/00 G11C11/56E G11C13/00R25D G11C16/34D G11C16/34D6 G11C19/00M6 G11C19/28C G11C19/36 G11C27/00 G11C27/02C G11C27/04 G11C7/10M5 G11C7/10M6 H03H17/02G2C L65H557/2644 S05B219/23094 S05B219/33182 S05B219/34023 S05B219/34098 S05B219/34471 S05B219/34472 S05B219/35262 S05B219/35263 S05B219/35373 S05B219/35381 S05B219/35431 S05B219/35436 S05B219/35453 S05B219/35472 S05B219/35554 S05B219/35588 S05B219/36152 S05B219/36227 S05B219/36333 S05B219/36366 S05B219/36379 S05B219/36395 S05B219/36502 S05B219/36503 S05B219/36506 S05B219/36546 S05B219/41021 S05B219/42237 S05B219/45214 S05B219/45215 S05B219/49221 S05B219/50047 S05B219/50048 S05B219/50083 S05B219/50151 S06F12/02C S11C13/04 S11C7/16 T05K999/99

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: SAID MICRO COMPUTER INC BY SAI

Assignee(s): (std): HYATT GILBERT P ; HYATT GILBERT PETER ; SAID MICRO COMPUTER INC BY SAI ; EGYESUELT
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Inventor(s): HYATT G US

Agent(s): GOWLING LAFLEUR HENDERSON LLP

Designated states: AT BE CA CH DE DK ES FR GB GR IT JP KR LU NL SE

Title: METHOD FOR ROUTING DATA PACKETS USING AN IP ADDRESS BASED IN GEO POSITION

Abstract: Method of routing data over a network in which contact is made with a home network to determine the reported geo-position, using this geo-position to transmit data to the device over a path through a node in which the node reads the geo-position, accesses a list of possible recipients and their geo-positions, compares its location to the positions, selects a recipient based at least in part on the proximity of the recipient to the device, and transmits the data over the best path. Eventually, the device becomes the recipient. A geo-position may be transmitted as part of an IP address. The geo-position information can be generated from a GPS receiver. This method and/or IP address may be used in a method of doing business in which the geo-position is used to identify the source and location for delivery. This information may be incorporated into a purchase order or confirmation receipt.

Classifications:

International (IPC 8-9): G01S1/04 G01S19/09 G01S19/10 G01S19/11 G01S19/21 G01S19/42 G01S19/46 G01S5/14 G01S7/36 G06F15/16 G06F17/30 G06F7/00 G06K7/10 G08C19/16 H03D3/24 H03K7/02 H03K7/04 H03K7/06 H03K7/08 H03K9/04 H03K9/06 H04B1/00 H04B1/69 H04B1/7163 H04B1/717 H04B1/7176 H04B10/04 H04B10/12 H04B10/155 H04B14/02 H04B14/04 H04B3/00 H04B3/52 H04B3/54 H04J11/00 H04J3/24 H04J7/02 H04L1/08 H04L12/00 H04L12/28 H04L12/437 H04L12/50 H04L12/54 H04L12/56 H04L12/64 H04L12/66 H04L12/733 H04L12/751 H04L12/841 H04L12/933 H04L25/00 H04L25/03 H04L25/49 H04L27/00 H04L27/01 H04L29/06 H04L29/08 H04L29/12 H04L5/14 H04M1/00 H04M11/00 H04N19/66 H04Q1/00 H04Q5/22 H04W4/00 H04W4/02 H04W40/20 H04W8/26 H04W99/00 (Advanced/Invention); H03K7/08 H04B1/69 H04B1/7163 H04B1/7176 H04B14/02 H04L29/12 H04M7/00 H04W64/00 H04W80/04 (Advanced/Non-invention); G01S19/00 G01S5/14 G06F15/16 H04B1/69 H04B3/00 H04J11/00 H04L12/28 H04L12/56 H04L12/66 H04L25/00 H04L25/49 H04L27/00 H04L29/06 H04L29/08 H04L5/14 H04M1/00 H04Q5/00 (Core/Invention); H04B1/69 H04L29/12 H04M7/00 (Core/Non-invention); H04L (Subclass/Invention)

International (IPC 1-7): G01S5/02 G02B6/00 G06F17/30 G06F7/00 H04B1/69 H04B10/12 H04B7/185 H04J3/22 H04L H04L12/28 H04L27/00 H04M11/00

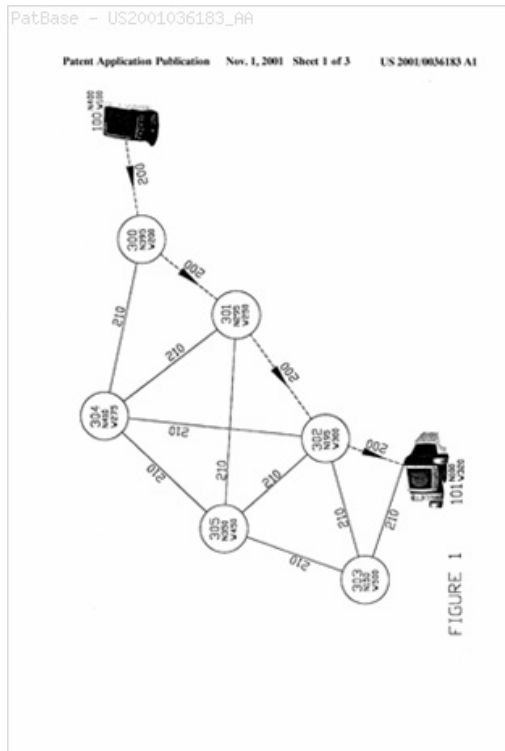
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European: G01S19/10 G01S19/11 G01S19/21 G01S19/21S G01S19/46 G01S5/14 G01S5/14B3 G06K7/10A7A H04B1/7163 H04B1/7163A H04B1/7163C H04B1/7176 H04B1/717A H04B10/508 H04B10/524 H04B14/02B H04B3/54 H04L12/26M3B2 H04L12/28P1 H04L12/413 H04L12/437 H04L12/46E H04L12/58G H04L12/58U H04L12/66 H04L25/03E1 H04L25/49 H04L25/49A H04L27/00B H04L29/06 H04L29/06K H04L29/08A7 H04L29/08N17 H04L29/08N31Y H04L29/12A6 H04L43/08E2 H04L45/02 H04L45/122 H04L5/14T H04L51/14 H04L51/36 H04L61/35 H04W4/02 H04W4/20 H04W8/26 H04W99/00 T04B1/69U T04B1/69U1C T04B1/7163 T04B1/7176 T04B203/54M6 T04B203/54P10 T04L12/56W6B T04L29/08A7 T04L29/12A T04L29/12A6 T04L29/12A9A T04L5/00C4 T04L61/00 T04L61/35 T04L61/60A T04W64/00 T04W72/04 T04W8/26 T04W80/04

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Family:

Publication number	Publication date	Application number	Application date
AU2003231277 AA	20031117	AU20030231277	20030430
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Priority:

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Probable Assignee: LIGHTWAVES SYSTEMS INC

Assignee(s): (std): BAYCH LESLIE D ; BAYCK LESLIE D ; GERKE JOSEPH A ; KENNEDY PHILIP T ; LIGHTWAVE SYSTEMS ; LIGHTWAVE SYSTEMS INC ; KENNEDY PHILLIP T ; GERKE JOSEPH G ; LIGHTWAVES SYSTEMS INC ; SNYDER DAVID M ; MELICK BRUCE D ; PROBST GREGORY P ; SONG XUEJIE ; STANFORD JOHN G ; STANFORD JON G ; LIGHTWAVES SYTEMS INC

Assignee(s): PRINCIPAL LIFE INSURANCE CO ; SCHWESER GILBERT CARL ; STONEHOCKER TIMOTHY L ; LORENZ ROBERT A ; ROHDE CHARLES A ; ROSS DONALD M ; REIHMAN RANDY L ; LINEAR DATA SYSTEMS LLC ; IOWA FARM BUREAU ; BIRD CATHERINE PESEK ; HALVORSON PAUL A ; DLB LTD ; BAYCH VICKIE ; ALBERTA INNOVATES TECHNOLOGY FUTURES ; BAYCH LES

Inventor(s): (std): STANFORD JON G ; SONG XUEJIE ; SONG XUEGIE ; KENNEDY PHILIP T ; GERKE JOSEPH A ; STANFORD JOHN G ; SNYDER DAVID M ; ROLAND DENNIS L ; P T KENNEDY ; MELICK BRUCE N ; MELICK BRUCE D ; L D BAYCH ; GERKE JOSEPH G ; G P PROBST ; D M SNYDER ; BAYCH LESLIE D ; B D MELICK ; BRUCE N MELICK ; BAYCK LESLIE D ; DAVID M SNYDER ; KENNEDY PHILLIP T ; LESLIE D BAYCH ; GREGORY P PROBST ; PHILIP T KENNEDY ; PROBST GREGORY P

Inventor(s): SNYDER DAVID ; BAYCH LESLIE ; PHILLIP T KENNEDY ; PROBST GREGORY ; KENNEDY PHILIP ; LESLIE D BAYCK ; MELICK BRUCE ; GERKE JOSEPH ; BRUCE D MELICK

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; TORYS LLP; WOMBWELL FRANCIS; WOLFF BREGMAN AND GOLLER; MCKEE VOORHEES AND SEASE PLC; MCKEES VOORHEES AND SEASE PLC; MCKEE VOORHEES AND SEASE P L C; MCKEE VOORHEES AND SEASE; MCKEE VORHEES AND SEASE PLC; GOODHUE JOHN D

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

Title: DRUG PROFILING APPARATUS AND METHOD

Abstract: A method for assessing a condition of an organism having body waves corresponding to states of the organism. The method may include the step of recording signals corresponding to a body wave, output by a portion of the organism in a first state, to provide a first record. In a similar manner, signals may be recorded during a time period in which the organism is in a second state, to provide a second record. The first and second records, may be processed by applying feature expansion procedures thereto. The results of the feature expansion procedures may be evaluated to identify first selected feature expansion procedures effective to distinguish values of the first signals corresponding to the first state from values of the first signals corresponding to the second state.

Classifications:

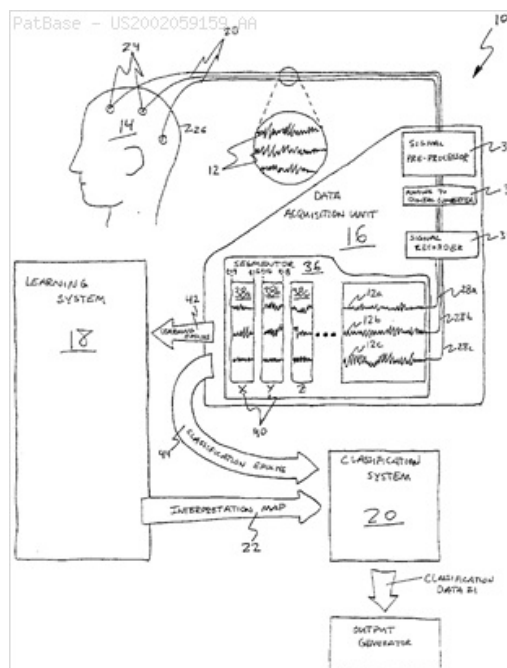
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International (ipc 1-7): A61B5/00 A61B5/02 G01V1/00 G01V1/28 G06E3/00 G06F15/00 G06F15/18 G06F17/00 G06F17/40 G06F19/00 G06N5/02

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European: A61B5/0476 A61B5/04R G01V1/28 G01V1/28B G01V1/30 G06F19/00A G06F19/32C G06F19/34J G06F19/34L G06K9/00M3 G06K9/62B5 K61B5/04M4 S06F19/34J S06F19/36A

US: 367/25 382/159 600/300 600/300P 70/61.6 702/11 702/11P 702/13 702/14 702/14P 702/16 702/183 702/187 702/187S 702/189 702/189P 706/12 706/16 706/20 706/46 706/46P 706/62 706/62P

**Family:**

Publication number	Publication date	Application number	Application date
AU2003277207 AA	20040504	AU20030277207	20031002
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CA2501177 AA	20050401	CA20032501177	20031002
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Priority:

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Probable Assignee: BRIGHT IDEAS LLC

Assignee(s): (std): BRIGHT IDEAS L L C ; BRIGHT IDEAS LLC ; COOK DANIEL R ; WALTHER JOHN D

Assignee(s): COOK DANIEL REED ; BRIGHT IDEAS LLC A LIABILITY CO OF UTAH LTD

Inventor(s): (std): COOK DANIEL R ; WALTHER JOHN D ; COOK DANIEL REED ; JOHN D WALTHER ; DANIEL R COOK

Inventor(s): COOK DANIEL

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; GARY DE PIERCE PATE PIERCE AND BAIRD; PATE PIERCE AND BAIRD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE 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 UZ VC VN YU ZA ZM ZW

Title: AERIAL ELECTRONIC DETECTION OF SURFACE AND **UNDERGROUND** THREATS

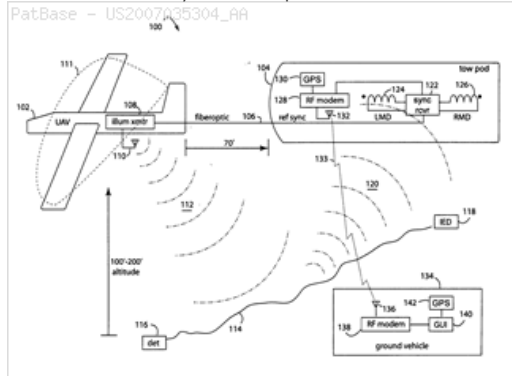
Abstract: An aerial electronic system for detection of surface and **underground** threats comprises an **electromagnetic** (EM) gradiometer flown aloft over the possible **ground** and **underground** threats to a convoy. The EM gradiometer is disposed in a Styrofoam torpedo shaped pod that is towed in flight behind an airplane. An illumination transmitter and loop antenna mounted to the airplane radiate a primary EM wave that travels down to the **ground** surface and penetrates beneath. Frequencies of 80 KHz to 1 MHz are selected according to whether the targets are laying on the surface or deeply buried. Detonation wire pairs, buried cables and pipes, and other conductors will re-radiate a secondary wave that can be sensed by the EM gradiometer. A reference sample of the transmitter signal is carried down a fiberoptic from the airplane to the towed pod. This signal is used in the synchronous detection to measure the secondary EM wave phase.

Classifications:

International (IPC 8-9): E21C35/08 G01S13/00 G01S13/32
G01S13/88 G01S13/89 G01V3/12 G01V3/16 (Advanced/Invention);
E21C35/00 G01S13/00 G01V3/12 G01V3/15 (Core/Invention)

CPC: G01V3/17 G01S13/89 E21C27/24 E21C35/08 G01S7/4052
G01S7/4056 G01S13/32 G01S13/885 G01S2007/4082 G01S7/02
E21C35/24 G01S13/34 G01V3/12

European: E21C27/24 E21C35/08 E21C35/24 G01S13/32
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US: 299/1.2 299/1.200P 324/329 324/330 324/337 324/344 342/129
342/159 342/179 342/22



Family:

Publication number	Publication date	Application number	Application date
US2007035304 AA	20070215	US20060405602	20060417
US2008185903 AA	20080807	US20080053611	20080323
US2008218170 AA	20080911	US20070876367	20071022
US2008218400 AA	20080911	US20070877655	20071023
US2009167589 AA	20090702	US20060478757	20060629
US7336079 BB	20080226	US20060405602	20060417
US7548181 BA	20090616	US20060478757	20060629
US7629790 BB	20091208	US20070876367	20071022
US7656342 BB	20100202	US20070877655	20071023
US7659847 BB	20100209	US20080053611	20080323

Priority:

US20050671946P 20050418	US20060405602 20060417	US20060478757 20060629
US20060853538P 20061023	US20070876367 20071022	US20070877655 20071023
US20080053611 20080323		

Probable Assignee: STOLAR INC

Assignee(s): (std): BAUSOV IGOR ; BEARD BEAUX ; BOTLA LAXMI N ; BOTLA LAXMI NARAYANA ; MAIN RICHARD B ; MYERS JOHN ; SANCHEZ TITO ; TROUBLEFIELD ROBERT ; STOLARCZYK GERALD L ; STOLARCZYK LARRY G ; VALENTINE CHANCE ; STOLAR INC

Inventor(s): (std): BAUSOV IGOR ; BAUSOV IGOR Y ; BEARD BEAUX ; MAIN RICHARD B ; MYERS JOHN ; SANCHEZ TITO ; BOTLA LAXMI N ; BOTLA LAXMI NARAYANA ; STOLARCZYK GERALD L ; STOLARCZYK LARRY G ; TROUBLEFIELD ROBERT ; VALENTINE CHANCE

Inventor(s): STOLARCZYK LARRY ; MAIN RICHARD ; STOLARCZYK GERALD ; BOTLA LAXMI

Agent(s): PATENTS PENDING; RICHARD B MAIN ESQ PATENTS PENDING; MAIN RICHARD B; RICHARD B

Title: TRI-POD BURIED LOCATOR SYSTEM

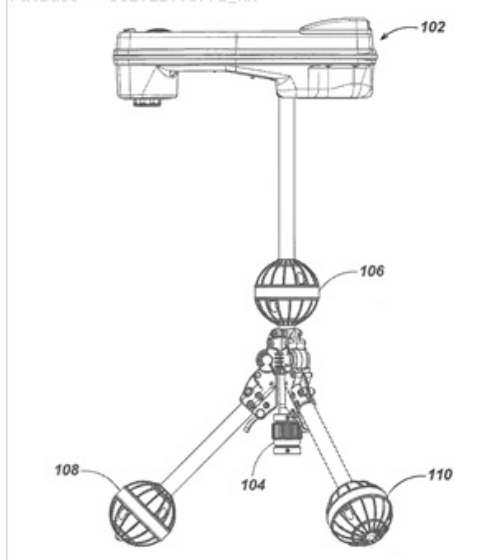
Abstract: A portable self-standing **electromagnetic** (EM) field sensing locator system with attachments for finding and mapping buried objects such as utilities and with intuitive graphical user interface (GUI) displays. Accessories include a **ground** penetrating radar (GPR) system with a rotating Tx/Rx antenna assembly, a leak detection system, a multi-probe voltage mapping system, a man-portable laser-range finder system with embedded dipole beacon and other detachable accessory sensor systems are accepted for attachment to the locator system for simultaneous operation in cooperation with the basic locator system. The integration of the locator system with one or more additional devices, such as fault-finding, geophones and conductance sensors, facilitates the rapid detection and localization of many different types of buried objects.

Classifications:**International (IPC 8-9):** G01R19/00 G01V3/08
G01V3/10 (Advanced/Invention);

G01R19/00 G01V3/08 G01V3/10 (Core/Invention)

CPC: G01R19/00 G01R29/0892 G01V3/15**European:** G01V3/15 S01R29/08E4**US:** 324/326 324/326P 324/329 324/67

PatBase - US2011006772_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2011006772 AA	20110113	US20100815315	20100614
US2012242341 AA	20120927	US20110189844	20110725
US7755360 BA	20100713	US20080106976	20080421
US7990151 BB	20110802	US20100815315	20100614

Priority:

US20050730124P 20051024 US20060551651 20061020 US20080106976 20080421
US20100815315 20100614 US20110189844 20110725

Probable Assignee: SEESCAN INC**Assignee(s):** (std): JESSUP AMOS H ; MAIER CHRISTOPH H ; MARTIN MICHAEL J ; MEREWETHER RAY ; SEEKTECH INC ;
STUART PAUL G ; OLSSON MARK S**Assignee(s):** SEESCAN INC**Inventor(s):** (std): MARTIN MICHAEL J ; STUART PAUL G ; OLSSON MARK S ; MEREWETHER RAY ; MAIER CHRISTOPH H ;
JESSUP AMOS H**Agent(s):** MICHAEL H JESTER ; MICHAEL H ; STEVEN C

Title: BEAT-PRODUCT RADIO IMAGING METHOD (RIM)

Abstract: A beat-product radio imaging method (RIM) system uses a matched continuous wave (CW) transmitter and receiver to electronically image material in between. Signal attenuation measurements are taken from a number of different transmitter and receiver perspectives around the material. The transmitter and receiver each have a crystal oscillator rated at 10-ppm or better frequency uncertainty. The receiver's crystal oscillator is used as a local oscillator to beat down the transmitter's carrier frequency to baseband. The frequency error between the local oscillator and the transmitter carrier frequencies produces a beat product of less than one Hertz in frequency and its magnitude is inversely proportional to the path attenuation between the transmitter and receiver. An extremely low-pass filter is used to remove everything above one Hertz in the detector. The receiver sensitivity is therefore extraordinarily high.

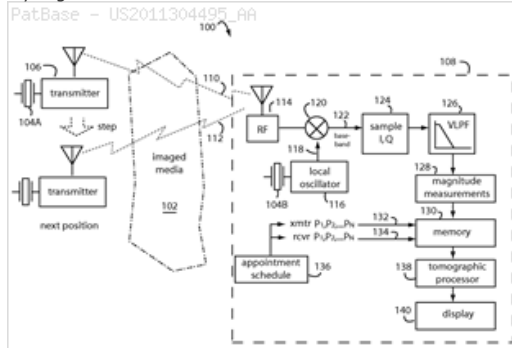
Classifications:

International (IPC 8-9): G01S13/00 G01S13/32 G01S13/56 G01S13/86 G01S13/88 G01S13/89 G01S7/35 G01S7/41 G01V11/00 G01V3/00 G01V3/10 G01V3/12 G01V3/17 G01V7/02 H01Q1/32 H01Q1/52 H01Q21/06 H04W4/04 (Advanced/Invention); G01S7/02 G01V3/17 (Advanced/Non-invention)

CPC: G01V3/104 G01S13/003 G01S13/56 G01S13/40 G01S13/888 G01S7/35 G01S13/32 H04W4/046 G01S13/867 G01S13/86 G01S13/89 G01S7/414 G01S2007/027 G01V3/12 G01V3/17 G01S13/885 H01Q1/04 H01Q9/0442 H01Q21/28 G01V3/15 G01S7/003 G01S13/0209 G01V3/00 G01V7/02

European: G01S13/00B G01S13/88D G01V3/12

US: 1/1 324/329 342/114 342/175 342/179 342/180 342/21 342/22 342/22P 342/27 342/28

**Family:**

Publication number	Publication date	Application number	Application date
US2011304495 AA	20111215	US20100815420	20100615
US2012062408 AA	20120315	US20110301762	20111121
US2014125508 AA	20140508	US20140150736	20140108
US2014125509 AA	20140508	US20140152823	20140110
US2014139224 AA	20140522	US20140155566	20140115
US2014306839 AA	20141016	US20130862379	20130413
US2016097879 AA	20160407	US20150970575	20151216
US2017097440 AA	20170406	US20160381600	20161216
US8063814 BA	20111122	US20100815420	20100615
US8847813 BB	20140930	US20110301762	20111121
US9024802 BB	20150505	US20130862379	20130413
US9207307 BB	20151208	US20140150736	20140108
US9207316 BB	20151208	US20140152823	20140110
US9541641 BB	20170110	US20150970575	20151216
US9645237 BB	20170509	US20160381600	20161216
WO18111335 A1	20180621	WO2017US31259	20170505

Priority:

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US20130862379	20130413	US20140150736	20140108	US20140152823	20140110
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US20150214981P	20150906	US20150970575	20151216	US20160381600	20161216

Probable Assignee: STOLAR INC

Assignee(s): (std): BAUSOV IGOR ; DUNCAN JOSEPH ; SANCHEZ TITO ; STOLAR INC ; STOLAR RES CORP ; STOLAR RES INC ; STOLARCZYK GERALD ; STOLARCZYK LARRY G ; STOLARCZYK GERALD L

Assignee(s): STOLAR RESEARCH CORP ; STOLAR RESEARCH INC

Inventor(s): (std): BAUSOV IGOR ; BEARD BEAUX L ; BRIGGS MATTHEW L ; DUNCAN JOSEPH ; HUTCHINS JEFFREY D ; MAIN RICHARD B ; MAIN RICHARD BREWSTER ; MYERS JOHN A ; SALAZAR ERNEST M ; SANCHEZ TITO ; SANCHEZ TITO L ; STOLARCZYK GERALD ; STOLARCZYK GERALD L ; STOLARCZYK LARRY ; STOLARCZYK LARRY G ; UHL BRECKEN H ; VALENTINE CHANCE DAIN

Agent(s): RICHARD B; MAIN LAW FIRM; MAIN CAFE; MAIN LAW CAFE; MAIN RICHARD BREWSTER

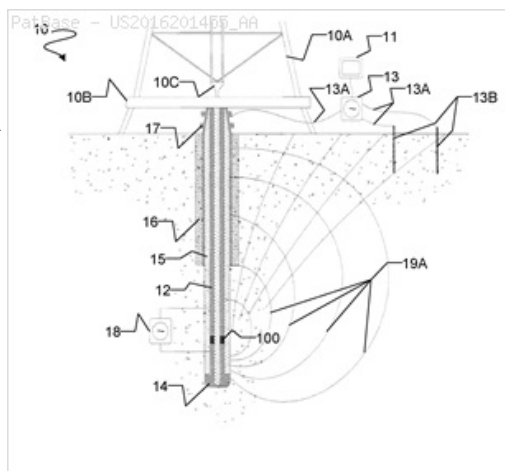
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Title: OPTIMIZING **ELECTROMAGNETIC** TELEMETRY TRANSMISSIONS

Abstract: An **electromagnetic** telemetry system adjusts telemetry parameters which may include carrier frequency, signal amplitude and/or data encoding protocol to achieve reliable data transmission and to conserve power. In some embodiments, sweep signals transmit a range of carrier frequencies and the parameters are determined in part by analyzing the received sweep signals. In some embodiments, different parameters are selected automatically based on a mode of **drilling**.

Classifications:

International (IPC 8-9): E21B44/00 E21B47/12 E21B47/13
G08C17/02 H04B17/336 H04Q9/00 H04W52/00 H04W52/02
H04W80/00 (Advanced/Invention);
H04B17/318 H04B17/336 H04W52/24 (Advanced/Non-invention)
CPC: E21B47/121 H04B17/318 H04Q9/00 H04W52/0245 H04W52/241
H04W52/245 H04W52/028 E21B47/122 H04B17/336 Y02D70/00
US: 340/854.6



Family:

Publication number	Publication date	Application number	Application date
CA2920912 AA	20160210	CA20142920912	20140828
CN105579668 A	20160511	CN201480047946	20140828
EA201690470 A1	20160930	EA20160090470	20140828
US2016201455 AA	20160714	US20140914050	20140828
US2017335680 AA	20171123	US20170668075	20170803
US9765615 BB	20170919	US20140914050	20140828
US9988897 BB	20180605	US20170668075	20170803
WO15027340 A1	20150305	WO2014CA50825	20140828

Priority:

US20130870968P 20130828 US20140914050 20140828 WO2014CA50825 20140828
US20160914050 20160421 US20170668075 20170803

Probable Assignee: EVOLUTION ENGINEERING INC

Assignee(s): (std): EVOLUTION ENG INC ; EVOLUTION ENGINEERING INC

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Inventor(s): (std): XU MINGDONG ; VARGA MONICA E ; SWITZER DAVID ARTHUR SIDNEY ; SWITZER DAVID A ; LOGAN AARON W ; LIU JILI ; KAZEMI MIRAKI MOJTABA ; KAZEMI MIRAKI MOJTABA

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; MANNING GAVIN N ET AL

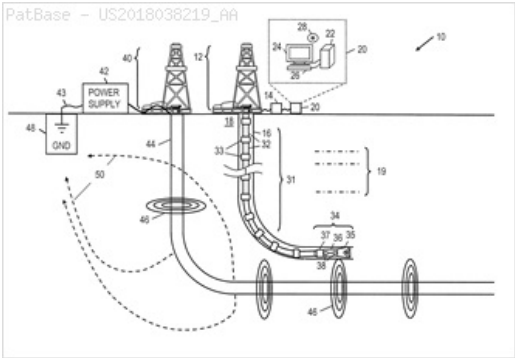
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Title: SURFACE EXCITATION RANGING METHODS AND SYSTEMS EMPLOYING A CUSTOMIZED **GROUNDING** ARRANGEMENT

Abstract: A surface excitation ranging method includes installing a customized **grounding** arrangement for a power supply located at earth's surface, wherein the customized **grounding** arrangement fulfills an **impedance** criteria or ranging performance criteria. The method also includes conveying an electrical current output from the power supply along a target well with a metal casing. The method also includes sensing **electromagnetic** (EM) fields emitted from the target well due to the electrical current. The method also includes using distance or direction information obtained from the sensed EM fields to guide **drilling** of a new well relative to the target well.

Classifications:

International (IPC 8-9): E21B47/02 E21B47/022 E21B47/024 E21B47/09 G01V3/18 G01V3/26 (Advanced/Invention)
CPC: G01V3/30 E21B47/09 E21B47/024 G01V3/26 G01V3/083 E21B47/02216



Family:

Publication number	Publication date	Application number	Application date
AR103842 AA	20170607	AR2016P100562	20160303
AU2015387499 AA	20160929	AU20150387499	20150325
BR112017016422 A2	20180327	BR20171116422	20150325
CA2976352 AA	20170810	CA20152976352	20150325
CO20170008392 A2	20170831	CO20170008392	20170816
EP3274551 A1	20180131	EP20150886662	20150325
IN201717027572 A	20171006	IN201717027572	20170803
MX2017010190 A1	20171117	MX20170010190	20150325
US2018038219 AA	20180208	US20150553111	20150325
WO16153507 A1	20160929	WO2015US22536	20150325
WO16153507 A8	20170831	WO2015US22536	20150325

Priority:

US20150553111 20150325 WO2015US22536 20150325

Probable Assignee: HALLIBURTON CO

Assignee(s): (std): HALLIBURTON CO ; HALLIBURTON ENERGY SERV INC ; HALLIBURTON ENERGY SERVICES INC

Assignee(s): WU HSU HSIANG ; HALLIBURTON ENERGY SERVICE INC ; AHMADI KALATEH AHMAD AKRAM

Inventor(s): (std): AHMADI KALATEH AHMAD AKRAM ; AKRAM AHMADI KALATEH AHMAD ; AKRAM HSIANG AHMADI KALATEH AHMAD ; HSU HSIANG WU ; HSU WU ; WU HSU HSIANG

Agent(s): PHILLIPS ORMONDE FITZPATRICK; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; CAROLINA MERCEDES DAZA MONTALVO; MCWILLIAMS DAVID JOHN; CHRISTENSON ALAN D ET AL

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

Title: SURFACE EXCITATION RANGING METHODS AND SYSTEMS EMPLOYING A **GROUND** WELL AND A SUPPLEMENTAL **GROUNDING** ARRANGEMENT

Abstract: A surface excitation ranging method includes selecting a first well with a metal casing as a target well and selecting a second well with a metal casing as a **ground** well. The method also includes installing a supplemental **grounding** arrangement for a power supply located at earth's surface, wherein the **ground** well and the supplemental **grounding** arrangement fulfill an **impedance** criteria or ranging performance criteria. The method also includes conveying an electrical current output from the power supply along the target well. The method also includes sensing **electromagnetic** (EM) fields emitted from the target well due to the electrical current. The method also includes using distance or direction information obtained from the sensed EM fields to guide **drilling** of a new well relative to the target well.

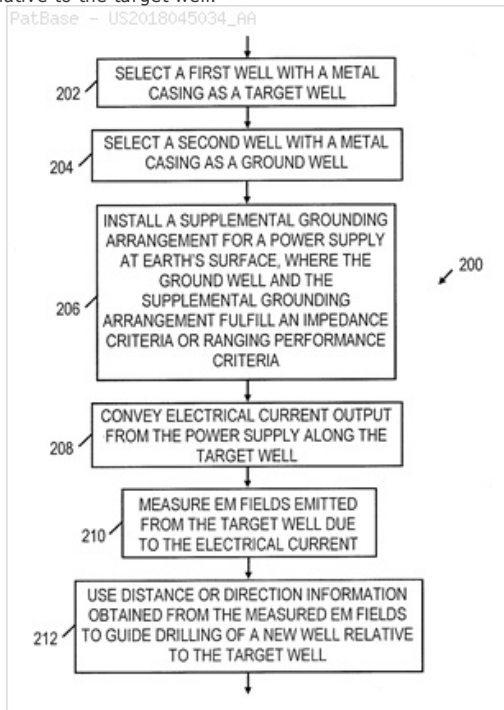
Classifications:

International (IPC 8-9): E21B47/02 E21B47/022 E21B47/09

E21B7/04 G01V3/18 (Advanced/Invention);

G01V3/18 (Advanced/Non-invention)

CPC: E21B47/02216 E21B7/04



Family:

Publication number	Publication date	Application number	Application date
AR103841 AA	20170607	AR2016P100561	20160303
AU2015387496 AA	20160929	AU20150387496	20150325
BR112017016239 A2	20180327	BR20171116239	20150325
CA2977216 AA	20170818	CA20152977216	20150325
CO20170008597 A2	20170911	CO20170008597	20170825
EP3274550 A1	20180131	EP20150886659	20150325
IN201717028004 A	20171013	IN201717028004	20170807
MX2017010185 A1	20171117	MX20170010185	20150325
US2018045034 AA	20180215	US20150555931	20150325
WO16153504 A1	20160929	WO2015US22518	20150325

Priority:

US20150555931 20150325 WO2015US22518 20150325

Probable Assignee: HALLIBURTON CO

Assignee(s): (std): HALLIBURTON CO ; HALLIBURTON ENERGY SERV INC ; HALLIBURTON ENERGY SERVICES INC

Assignee(s): WU HSU HSIANG ; AHMADI KALATEH AHMAD AKRAM

Inventor(s): (std): AHMADI KALATEH AHMAD AKRAM ; WU HSU HSIANG ; HSU HSIANG WU ; AKRAM AHMADI KALATEH AHMAD

Agent(s): FB RICE PTY LTD; PARLEE MCLAWS LLP; CAROLINA MERCEDES DAZA MONTALVO; MCWILLIAMS DAVID JOHN; CHRISTENSON ALAN D ET AL

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

