

PatBase - Search results 09 June 2017

Search query (4): [SP]: programmable vehicle a surveillance vehicle guards high risk targets and has wheels or endless tracks 4 and 6 on hull 2. a radar antenna 10 lies at the hull rear, and a remote control mode antenna 12 lies at the front of the hull. vehicle sensors are mounted on top of boom 14 pivoted by ram 16 which is pivotally mounted on hull 2. the vehicle sensors comprise an infra- red search light 18, a television camera 20, radar 22, an infra-red detector 24, and a gun microphone 26. a uhf antenna 28 is provided for television and sound transmission. the sensors are mounted on a head 30 which is rotatably mounted on boom 14. the vehicle patrols a predetermined route by following control commands generated by a programmed guidance routine. at intervals, it stops and scans its surroundings. if a change is detected, it calls the operator and transmits the relevant information. the operator then controls the vehicle to take a closer look. if the alarm is false, the operator can return the vehicle to its predetermined route.

Results: 13

Search history

Search PN=(US2011144828) (Results 1)

1:

Search fn=(49051356:265 or 44519764:220 or 34714894:220 or 32513995:180 or 30223590:165 or 50815464:155 or 44898782:155 or 48323040:150 or 41037505:150 or 34404535:150 or 50951948:145 or 50903478:140 or 49960838:140 or 44247350:140 or 34938003:140 or 44898672:135 or 44519730:135 or 41979777:135 or 28694229:135 or 52545796:130 or 44817575:130 or 11120820:130 or 61751034:125 or 43572497:125 or 31000109:125 or 30729485:125 or 29478420:125 or 28261255:125 or 63731594:120 or 60461015:120 or 47901495:120 or 43814542:120 or 34384991:120 or 54700223:115 or 51037830:115 or 44519807:115 or 44232206:115 or 30537954:115 or 30258550:115 or 30067998:115 or 62009101:110 or 56300470:110 or 55632299:110 or 50905731:110 or 49051429:110 or 44994331:110 or 44005698:110 or 43916476:110 or 43750081:110 or 43060885:110 or 42932639:110 or 41020223:110 or 35575889:110 or 34701276:110 or 34533113:110 or 34403759:110 or 33005669:110 or 32819495:110 or 32092431:110 or 32066381:110 or 30729177:110 or 28689793:110 or 11367618:110 or 5069946:110 or 61451657:105 or 59232353:105 or 55900910:105 or 55478349:105 or 52171377:105 or 43811898:105 or 41850103:105 or 41621242:105 or 40901499:105 or 36078025:105 or 31953401:105 or 28335252:105 or 65758871:100 or 64158477:100 or 63983731:100 or 60591875:100 or 58999936:100 or 55312190:100 or 53036653:100 or 52586552:100 or 49245883:100 or 49099644:100 or 49099607:100 or 48874254:100 or 48848464:100 or 42973531:100 or 42588415:100 or 42471331:100 or 42021474:100 or 41910158:100 or 36078818:100 or 34441144:100 or 32712797:100 or 32277126:100 or 31005403:100 or 28144133:100) (Results 100)

Search fn=(15732640 or 3350005 or 29255614 or 29255614 or 19116199 or 3350005 or 12468215 or 12590479 or 7036251 or 30390787 or 31454333 or 3350005 or 15732640 or 42650799 or 15732640 or 15732640 or 15732640 or 15732640 or 42650799 or 42650799 or 41493069 or 41761444 or 12590479) (Results 12)

Search [SP]: programmable vehicle a surveillance vehicle guards high risk targets and has wheels or endless tracks 4 and 6 on hull 2. a radar antenna 10 lies at the hull rear, and a remote control mode antenna 12 lies at the front of the hull. vehicle sensors are mounted on top of boom 14 pivoted by ram 16 which is pivotally mounted on hull 2. the vehicle sensors comprise an infra- red search light 18, a television camera 20, radar 22, an infra-red detector 24, and a gun microphone 26. a uhf antenna 28 is provided for television and sound transmission. the sensors are mounted on a head 30 which is rotatably mounted on boom 14. the vehicle patrols a predetermined route by following control commands generated by a programmed guidance routine. at intervals, it stops and scans its surroundings. if a change is detected, it calls the operator and transmits the relevant information. the operator then controls the vehicle to take a closer look. if the alarm is false, the operator can return the vehicle to its predetermined route. (Results 13)

Title: Programmable Vehicle

Abstract: Source: GB2053516A A surveillance vehicle guards high risk targets and has wheels or endless tracks 4 and 6 on hull 2. A radar antenna 10 lies at the hull rear, and a remote control mode antenna 12 lies at the front of the hull. Vehicle sensors are mounted on top of boom 14 pivoted by ram 16 which is pivotally mounted on hull 2. The vehicle sensors comprise an infra- red search light 18, a television camera 20, radar 22, an infra-red detector 24, and a gun microphone 26. A UHF antenna 28 is provided for television and sound transmission. The sensors are mounted on a head 30 which is rotatably mounted on boom 14. The vehicle patrols a predetermined route by following control commands generated by a programmed guidance routine. At intervals, it stops and scans its surroundings. If a change is detected, it calls the operator and transmits the relevant information. The operator then controls the vehicle to take a closer look. If the alarm is false, the operator can return the vehicle to its predetermined route.

Classifications:

International (IPC 8-9): G05D1/02 (Advanced/Invention)

International (IPC 1-7): G05B15/02

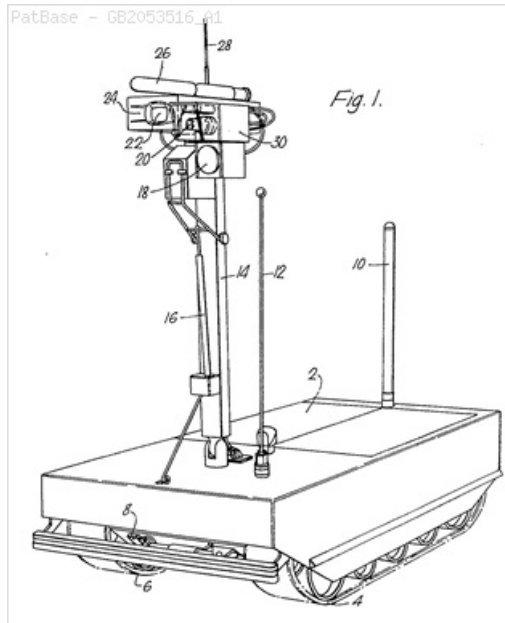
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G05D1/0255 G05D1/0257 G05D1/0272 G05D2201/0209

European: G05D1/02E10 G05D1/02E14D G05D1/02E6B

G05D1/02E6V G05D1/02E8 S05D1/02E3V S05D1/02E6N

S05D201/0209



Family:

Publication number	Publication date	Application number	Application date
GB2053516 A1	19810204	GB19800022777	19800711
GB2053516 B2	19840111	GB19800022777	19800711

Priority:

GB19790024452 19790713

GB19800022777 19800711

Probable Assignee:

CHAMBERS C G

Assignee(s): (std):

CHAMBERS C G

Title: Robotic television-camera dolly system

Abstract: Source: US4959798A A robotic camera dolly system includes a motorized dolly which rolls freely across a studio floor under computer control, the dolly carrying a camera. Targets are provided on the floor at various locations from which camera shots are to be taken. The dolly is moved from one target to the vicinity of another target according to a learned sequence of movements controlled by a remote dolly computer. The learned sequence of movements is taught with the aid of a joystick, and the motions are replayed based on dead reckoning. In order to correct translational and angular errors in the position of the dolly at the destination target, optosensors are provided on the dolly for use in detecting and reorienting the dolly relative to the destination target. The open loop control of dolly movement can be taught with a control stick and the motions replayed based on dead reckoning.

Classifications:

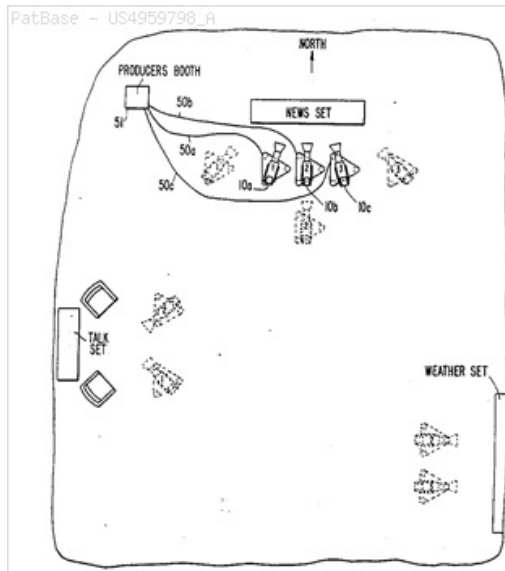
International (ipc 8-9): F16M11/18 F16M11/42 G02B6/36 G02B6/38 G05D3/12 H04N5/222 (Advanced/Invention); F16M11/00 F16M11/02 G02B6/36 G02B6/38 H04N5/222 (Core/Invention)

International (ipc 1-7): F16M3/00 G02B26/08 G02B6/36 G02B6/38 G05B19/19 G05D3/12 G06F18/50 H04N5/222

CPC: G02B6/3859 G02B6/3861 G02B6/3869 G02B6/3887 G02B6/3855 G02B6/3858 G02B6/3898 F16M11/18 F16M11/08 F16M11/28 F16M11/42 H04N5/222

European: F16M11/18 F16M11/42 G02B6/38D12 G02B6/38D6N G02B6/38D6N2 G02B6/38D6N2M G02B6/38D6N3 H04N5/222 S02B6/38D18 S02B6/38D8

US: 180/167 180/168 248/647 348/211.5 348/373 348/375 348/E05.022 348/E5.022 352/197 352/243 358/229 36/442.4 36/442.402 364/167.01 364/424.02 385/136 385/62 385/76 385/81 385/82 385/86 385/87 700/62 700/64 700/85 701/117 701/26 701/28



Family:

Publication number	Publication date	Application number	Application date
AT115735 E	19941215	AT19900912734T	19900711
AT153143 E	19970515	AT19910909130T	19910311
CA2023619 AA	19920220	CA19902023619	19900820
CA2023619 C	19931228	CA19902023619	19900820
CA2055488 AA	19911112	CA19912055488	19910311
DE69015194 D1	19950126	DE19906015194	19900711
DE69015194 T2	19950504	DE19906015194T	19900711
DE69126074 D1	19970619	DE19916026074	19910311
DE69126074 T2	19971002	DE19916026074T	19910311
DK0482110 T3	19950220	DK19900912734T	19900711
EP0471838 A1	19920226	EP19910909130	19910311
EP0471838 B1	19970514	EP19910909130	19910311
EP0482110 A1	19920429	EP19900912734	19900711
EP0482110 B1	19941214	EP19900912734	19900711
ES2064756 T3	19950201	ES19900912734T	19900711
JP2987641 B2	19991206	JP19910508796	19910311
JP6501561 T2	19940217	JP19900512211T	19900711
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KR100169947 B1	19990501	KR19910071590	19911112
KR100208122 B1	19990715	KR19920070085	19920113
US4959798 A	19900925	US19880228933	19880623
US4959798 B1	19950606	US19880228933	19880623
US5008804 A	19910416	US19900574852	19900830
US5008804 B1	19930504	US19900574852	19900830
US5008804 B2	19960102	US19900574852	19900830
US5088804 A	19920218	US19890378930	19890712
US5102211 A	19920407	US19900492933	19900313
US5113474 A	19920512	US19910657676	19910219
US5153833 A	19921006	US19910684820	19910415
US5153833 B1	19950808	US19910684820	19910415
US5208887 A	19930504	US19920778898	19920110
WO9101013 A1	19910124	WO1990US03964	19900711
WO9114191 A2	19910919	WO1991US01626	19910311
WO9114191 A3	19911031	WO1991US01626	19910311

Priority:

CA19902023619 19900820	US19880228933 19880623	US19900003964 19900711
US19890378930 19890712	US19900467915 19900122	US19900492933 19900313
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US19900574852 19900830	WO1991US01626 19910311	US19910657676 19910219

Probable Assignee: WHITAKER CORP

Assignee(s): (std): AMP INC ; OPTICAL FIBERS TECHNOLOGIES IN ; WHITAKER CORP ; TOTAL SPECTRUM MFG INC ; TOTAL SPECTRUM MFG I ; OPTICAL FIBER TECHNOLOGIES INC ; GONNELLI ROBERT R ; GORDON GARY B

Assignee(s): GRINDERSLEV SOREN ; OPTICAL FIBERS TECHNOLOGIES INC ; OPUTEIKARU FUAIBAA
TEKUNOROJIIZU INC ; OPTICAL FIBER TECHNOLOGIES INC A CORP OF MA ; WHITAKER CORP
WILMINGTON DEL US ; SLANEY PAUL ; TOTAL SPECTRUM MFG ; VINTEN BROADCAST INC ; VINTEN
TSM INC ; AMP INC A CORP OF PA ; BANK OF AMERICA NATIONAL TRUST AND SAVING ASSOCIAT ;
BANK OF AMERICA NATIONAL TRUST AND SAVING ASSOCIATION AGENT AGENCY MANAGEMENT
SERVICES AS

Inventor(s): (std): GRINDERSLEV SOREN ; SLANEY PAUL ; ROBERT R GOSSELLI ; GRINDERSLEY SOREN ; GORDON GARY
B ; GONNELLI ROBERT R ; GARY B GORDON

Inventor(s): GRINDERSLEV SOREN SHELTON CT 06484 US ; SUREINII HOORU ; SLANEY PAUL GROTON MA 01450
US ; GURINDAASURIIBU SOOREN

Agent(s): MOFFAT AND CO; RICHES MCKENZIE AND HERBERT LLP

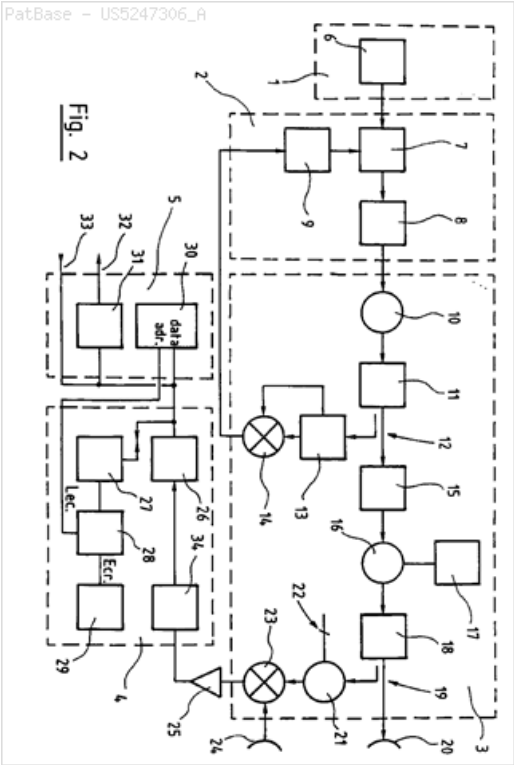
Designated states: AT BE CA CH DE DK ES FR GB GR IT JP KR LI LU NL SE US

Title: MILLIMETRIC WAVE RADAR SYSTEM FOR THE GUIDANCE OF MOBILE GROUND ROBOT

Abstract: Source: US5247306A The disclosure relates to guidance devices on board autonomous vehicles or robots which have to move about notably in environments that are inaccessible or dangerous to human beings. Disclosed is a device for the detection of the environment, and the positioning and/or the guidance of a mobile vehicle on the ground, of the type comprising, firstly, means for the generation and transmission of a signal that can be reflected by a fixed obstacle and, secondly, means for the reception and processing of the signal reflected by said fixed obstacle, said processing means enabling the recognition of the environment and/or the guidance of said autonomous mobile vehicle, said transmitted signal being a millimetric wave radar signal and said transmission and reception means cooperating with a rotary antenna having a 360 DEG rotation in azimuth.

Classifications:

International (IPC 8-9): G01S13/34 G01S13/93 G01S7/34 G05D1/02 (Advanced/Invention); G01S13/34 G01S13/88 G01S7/02 G01S7/288 G01S7/34 (Advanced/Non-invention); G01S13/00 G01S7/285 G05D1/02 (Core/Invention); G01S7/02 G01S7/285 (Core/Non-invention)
International (IPC 1-7): G01S13/32 G01S13/34 G01S13/93 G01S7/34 G05D1/02 G06F15/50
CPC: G01S2013/936 G01S13/931 G01S7/34 G01S13/34 G01S13/881 G01S2007/2883 G05D1/0257 G05D1/0274 G05D1/0282 G05D2201/0207
European: G01S13/93C G05D1/02E10 S01S13/34 S01S13/88A S01S7/288F S01S7/34 S05D1/02E14M S05D1/02E16D2 S05D201/0207
US: 342/70 342/92



Family:

Publication number	Publication date	Application number	Application date
EP0485253 A1	19920513	EP19910402836	19911023
FR2669115 A1	19920515	FR19900013944	19901109
FR2669115 B1	19930423	FR19900013944	19901109
JP6174835 A2	19940624	JP19910293165	19911108
US5247306 A	19930921	US19910785277	19911030

Priority:

FR19900013944 19901109

Probable Assignee: THOMSON CSF

Assignee(s): (std): THOMSON CSF

Inventor(s): (std): ANNU PUTEIDEIDEIE ; HARDANGE JEAN PHILIPPE ; JEAN PHILIPPE HARDANGE ; JIYANNFUIRITSUPU ARUDANJIYU ; PETITDIDIER ; PETITDIDIER ANNE

Agent(s): KAWAGUCHI YOSHIO

Designated states: DE GB IT SE

Title: A remote camera monitoring system

Abstract: Source: GB2253534A Cameras (10, 11, 12 and 13) are mounted on a telescopic tower (14), which is preferably transportable on a trailer. An intruder is detected by means of infra red detectors or motion detection and information obtained by the cameras may be digitised and sent via a microwave link or a telephone line, to a remote station where images may be recorded under the control of a central control on a time lapse video recorder (41).

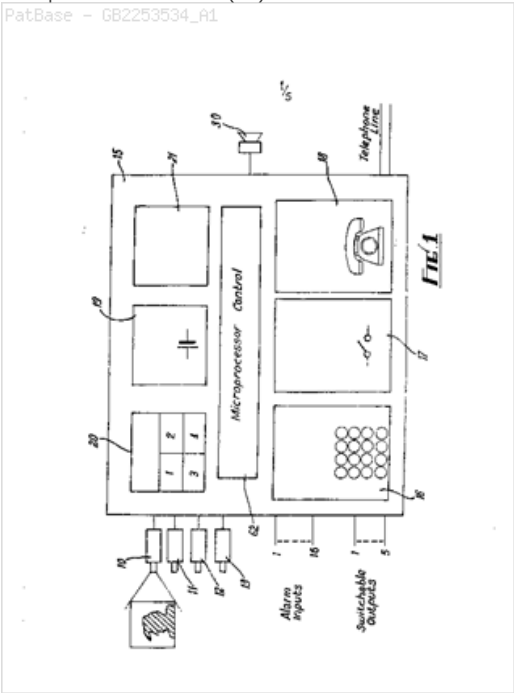
Classifications:

International (IPC 8-9): G08B13/196 (Advanced/Invention)

International (IPC 1-7): G08B13/196 H04N7/18

CPC: G08B13/19641 G08B13/19647 G08B13/19658 G08B13/19695

European: G08B13/196L1 G08B13/196L3 G08B13/196N2
G08B13/196W



Family:

Publication number	Publication date	Application number	Application date
GB2253534 A1	19920909	GB19910002289	19910202
GB9102289 A0	19910320	GB19910002289	19910202

Priority:

GB19910002289 19910202

Probable Assignee: ADVANCED TECHNOLOGY IND LIMITE
Assignee(s): (std): ADVANCED TECHNOLOGY IND LIMITE
Assignee(s): ADVANCED TECHNOLOGY INDUSTRIES LIMITED
Inventor(s): (std): HARRIS WILLIAM ROBERT OWEN
Inventor(s): WILLIAM ROBERT OWEN HARRIS

Title: MOBILE DETECTION SYSTEM

Abstract: Source: US5446445A A mobile detection system for detecting a fire, gas leak, intruder, or other abnormal condition in a house or an office, and for alerting a central monitor, fire station, police station, or an occupant who is away from the house or office. The mobile detection system comprises a self-propelled movable robot having sensors located thereon. A monitor receives signals from the robot and alerts an authorized user accordingly. An automatic communication control unit includes a telephone transmitting unit for automatically calling an appropriate party in response to a signal from the robot and transmits commands to the robot from an authorized calling party. A radio frequency remote controller for remotely controls the robot. The robot is specifically capable of navigating throughout a house or an office while using its sensors to detect abnormal conditions. In the event that an abnormal condition is detected, the robot initiates communication control unit to alert an appropriate party of the existing abnormal condition. Commands can be provided to the robot either directly through a keyboard on the robot itself, or remotely by way of the radio frequency remote controller or the automatic communication control unit.

Classifications:

International (IPC 8-9): A62C37/50 B25J13/06 B25J13/08 B25J19/00 B25J19/02 B25J5/00 G06Q50/00 G08B13/22 G08B17/06 G08B17/10 G08B19/00 G08B25/08 G08B25/10 H04M11/04

H04Q9/00 (Advanced/Invention);

B25J13/06 B25J13/08 B25J19/00 B25J19/02 B25J5/00 G06Q50/00

G08B19/00 G08B25/08 H04Q9/00 (Advanced/Non-invention);

A62C37/00 B25J13/06 B25J13/08 B25J19/00 B25J19/02 B25J5/00

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H04M11/04 H04Q9/00 (Core/Invention)

International (IPC 1-7): A62C37/50 B25J13/06 B25J13/08 B25J19/00

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CPC: B60L11/1803 B60L15/20 B60L2200/40 B60L2240/12

B60L2240/423 B60L2240/622 B60L2240/662 B60L2240/70

B60L2250/10 B60L2250/12 B60L2250/16 B60L2260/32 H04M11/04

G08B17/10 G08B25/10 Y02T10/645 Y02T10/7005 Y02T10/72

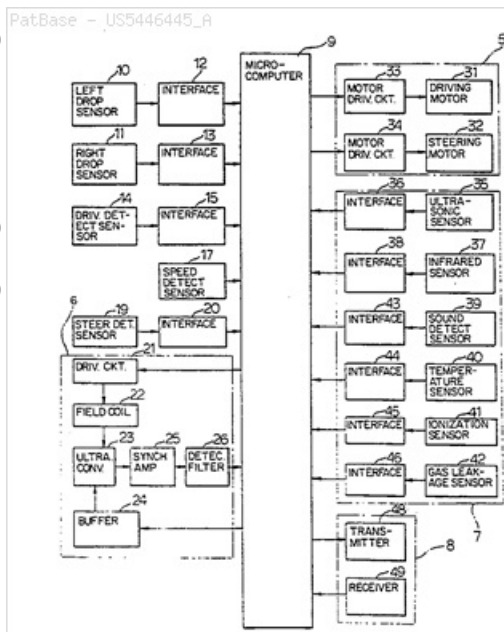
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G05D1/0255 G05D2201/0209

European: G08B17/10 G08B25/10 H04M11/04

US: 340/521 340/522 340/531 340/539 340/539.1 340/539.22

340/539.26 379/37 379/42 901/1

**Family:**

Publication number	Publication date	Application number	Application date
AT166170 E	19980515	AT19910120176T	19911126
AU199188216 A1	19930114	AU19910088216	19911128
AU636258 B2	19930422	AU19910088216	19911128
CA2072157 AA	19930111	CA19912072157	19911129
CA2072157 C	19980217	CA19912072157	19911129
CN1049994 C	20000301	CN19911011254	19911130
CN1068437 A	19930127	CN19911011254	19911130
DE69129407 D1	19980618	DE19916029407	19911126
DE69129407 T2	19981119	DE19916029407T	19911126
EP0522200 A2	19930113	EP19910120176	19911126
EP0522200 A3	19940316	EP19910120176	19911126
EP0522200 B1	19980513	EP19910120176	19911126
HU215630 B	19990128	HU19910003744	19911129
HU62104 A2	19930329	HU19910003744	19911129
HU9103744 A0	19920330	HU19910003744	19911129
JP3067363 B2	20000717	JP19910361530	19911130
JP5300950 A2	19931116	JP19910361530	19911130
KR950008437 B1	19950731	KR19910021627	19911128
PT99668 A	19931130	PT19910099668	19911129
PT99668 B	19990226	PT19910099668	19911129
RU2134908 C1	19990820	SU19915010440	19911129
TH22046 A	19961127	TH19911001784	19911127
US5446445 A	19950829	US19930019647	19930218

Priority:

CA19912072157 19911129 US19910727630 19910710 US19930019647 19930218
US19910789187 19911105

Probable Assignee: BLOOMFIELD JOHN W

Assignee(s): (std): ELF PARTNERSHIP LTD ; ELF LP ; E L F PARTNERSHIP LTD ; SAM SUNG ELECTRONIC ; BULL MUFUIRUDO RES AND DEV CORP ; BLUMFILD RISERCH EHND DEV KORP ; BLOOMFIELD RES AND DEV ; SAMSUNG ELECTRONICS CO LTD ; SAMSUNG ELECTRONIC

Assignee(s): SAMSUNG ELECTRONICS CO LTD SEOUL SOUL KR ; SAMSUNG ELECTRON CO LTD ; SAMSUNG ELECTRONICS CO LTD KR ; SAMSUNG EHLEKTRONIKS KO LTD ; SAMSUNG ELECTRONICS CO ; WAGNER SCOTT B ; BLOOMFIELD RESEARCH AND DEVELOPMENT CORP ; BLOOMFIELD RESEARCH AND DEVELOPMENT CORP US ; BISCHOFF RUDI A ; BLOOMFIELD JOHN W ; BLOOMFIELD JOHN W 88 MAIN ST ; SAMSUNG EHLEKTRONIKS KO ; BLUMFILD RISERCH EHND DEVELOPMENT KORP ; E L F LTD PARTNERSHIP HILTON HEAD ISLAND S C US ; PAYNE ROBERT L ; ELF LTD PARTNERSHIP HILTON HEAD ISLAND SC

Inventor(s): (std): BISCHOFF RUDI A ; BLOOMFIELD JOHN W ; CHANG HYUN YOO ; DZHON V BLUMFILD ; JI HYUN KIM ;

JIYON DABURIYUU BURUUMUFUIIRUD ; JOON YOUNG JEONG ; PAYNE ROBERT L ; PAYNE ROBERT L C O E L F LIMIT ; ROBERT L PEJN ; RUDEI EI BISUKOFU ; RUDI A BISCHOFF ; ROBAATO ERU PEIN ; SANG GWEON KIM ; SHIN DONG II ; SKOTT B VAGNER ; SUKOTSUTO BII WAGUNAA ; TAE SIK KIM ; WAGNER SCOTT B

Inventor(s): WAGNER SCOTT B HILTON HEAD ISLAND SC 29928 US ; WAGNER SCOTT B US ; SKOTT B.VAGNER ; SCOTT B WAGNER ; ROBERT L PAYNE ; RUDI A.BISCHOFF ; ROBERT L.PEJN ; ROBERT LPAYNE ; PAYNE ROBERT L C O E L F LIMITED PARTNERSHIP ; PAYNE ROBERT L C O E L F LIMITED PARTNERSHIP HILTO ; PAYNE ROBERT L C O ELF PARTNERSHIP LTD ; PAYNE ROBERT L US ; JIYON DABURIYUU BURUUMUFUIIRUDO ; JOHN W BLOOMFIELD ; JOHN WBLOOMFIELD ; DZHON V.BLUMFILD ; BLOOMFIELD JOHN W HILTON HEAD ISLAND SC 29928 US ; BLOOMFIELD JOHN W US ; BISCHOFF RUDI A HILTON HEAD ISLAND SC 29928 US ; BISCHOFF RUDI A US

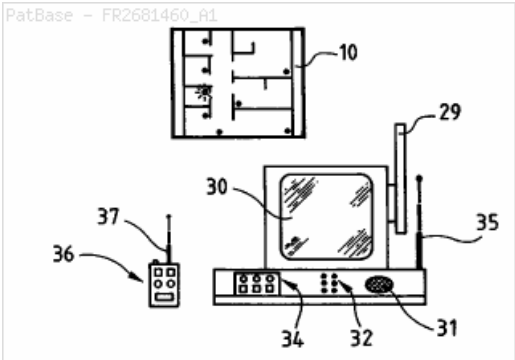
Agent(s): GRIFFITH HACK; RIDOUT AND MAYBEE LLP

Designated states: AT BE CH DE DK ES FR GB IT LI NL SE

Title: Premises monitoring system, and method of cleaning premises equipped with such a system

Abstract: The system includes sensors arranged in the premises to be monitored, a central monitoring station linked to each sensor, means for picking up the image and the sound coupled to transmission means arranged on an independent robot for cleaning the premises, and means (29 to 32) of receiving the image and the sound thus transmitted, including, in the central unit, visual-display (30) and listening (31) means. According to the method, the premises are cleaned during a surveillance phase and the visual display and listening means (30, 31) are then used to monitor the environment of the robot from the central unit.

Classifications:
International (IPC 8-9): G05D1/00 G08B13/196 (Advanced/Invention)
International (IPC 1-7): G08B13/189 H04N7/00
CPC: G05D1/0038 G05D1/0255 G05D1/027 G05D2201/0203 G05D2201/0209 G08B13/196
European: G05D1/00C5 G05D1/02E14B G05D1/02E8 G08B13/196 S05D201/0203 S05D201/0209



Family:

Publication number	Publication date	Application number	Application date
FR2681460 A1	19930319	FR19910011258	19910912

Priority:
FR19910011258 19910912

Probable Assignee:	COMATEC SARL
Assignee(s): (std):	COMATEC SARL
Assignee(s):	COMATEC
Inventor(s): (std):	REMI THEVENET
Inventor(s):	THEVENET REMI

Title: Observation and surveillance system

Abstract: System formed by the integration of: an observation and measurement unit 1 which includes a thermal camera 11, complemented with a low-light-level video camera 12 and a laser range finder (telemeter) 13, all these placed in a goniometric support head 14 governed by an electronic control unit 16 and controlled by the user from a remote observation and actuation unit 2 formed by a central processing unit 21 associated with an interactive screen 22, which integrates the specific software in order to provide the user with all the characteristic functions of the cameras and range finder and to carry out sweeps and movements without it being necessary to do more than point, with a finger on the screen, towards the point of the image towards which it is desired to move the observation unit.

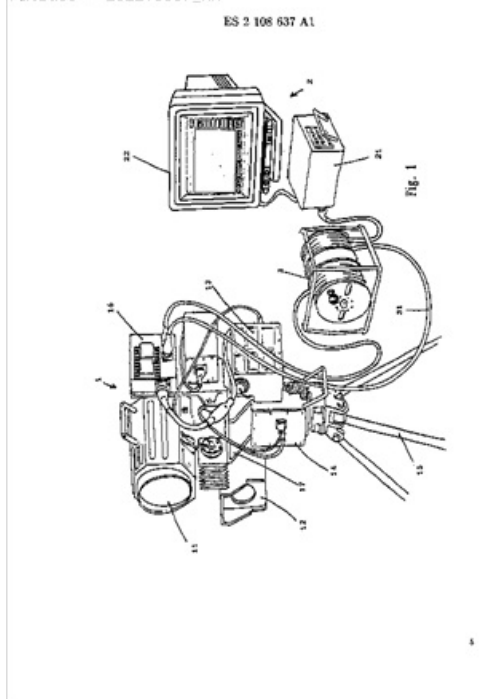
Classifications:

International (IPC 8-9): B60R11/04 B62D27/06 G08B13/18 H04N7/18 (Advanced/Invention);

B60R11/00 B62D27/00 G08B13/18 H04N7/18 (Core/Invention)

International (IPC 1-7): B60R11/04 B62D27/06 G08B13/18 H04N7/18

PatBase - ES2108637_AA



Family:

Publication number	Publication date	Application number	Application date
ES2108637 AA	19971216	ES19950001344	19950704
ES2108637 BA	19980701	ES19950001344	19950704

Priority:

ES19950001344 19950704

Probable Assignee: NACIONAL DE OPTICA S A ENOSA E

Assignee(s): (std): EMPRESA NACIONAL DE OPTICA S A ENOSA ; NACIONAL DE OPTICA S A ENOSA E

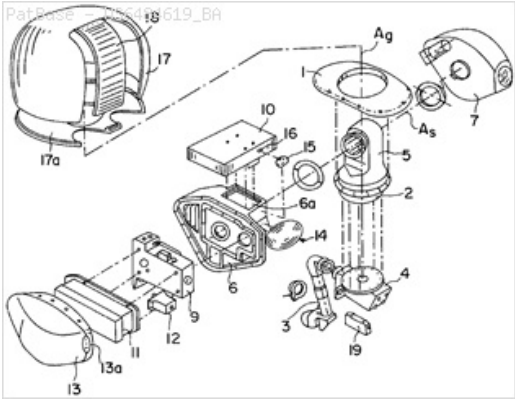
Inventor(s): (std): FERNANDEZ ARGUESO ALEJANDRO

Title: OBSERVATION OR SIGHTING SYSTEM

Abstract: Source: US6484619B An observation or aiming system for a self-propelled vehicle is described. The system includes a post pivoting about a bearing axis (Ag) relative to the vehicle. The post carries a body for an optical block and a thermal camera which are mounted to pivot about an elevation axis (As) perpendicular to the bearing axis (Ag). The body and the thermal camera are disposed symmetrically relative to the bearing axis (Ag). The system also includes a radar channel having a radar transmitter unit mounted on the body, a radar detection unit mounted on the body close to the bearing axis (Ag) and concentration means situated in the body for concentrating radar waves on the radar detection unit. The optical block, the thermal camera, and the radar channel are secured so as to always have the same orientation in elevation and in bearing, and thus the same observation direction.

Classifications:

International (IPC 8-9): G01S13/86 (Advanced/Invention);
G01S13/86 G01S7/02 (Advanced/Non-invention);
G01S13/00 (Core/Invention);
G01S7/02 (Core/Non-invention)
International (IPC 1-7): B64C27/04 F41G1/00 F41G1/32 F41G11/00
F41G5/06 G01C3/00 G01S13/06 G01S13/86 G02B23/00
CPC: G01S13/867 G01S13/86
European: G01S13/86
US: 89/37.01 89/41.01 89/41.07 89/410.7



Family:

Publication number	Publication date	Application number	Application date
DE69727060 D1	20040205	DE19976027060	19970723
DE69727060 T2	20040729	DE19976027060T	19970723
EP0914620 A1	19990512	EP19970935608	19970723
EP0914620 B1	20040102	EP19970935608	19970723
FR2751761 A1	19980130	FR19960009290	19960724
FR2751761 B1	19981023	FR19960009290	19960724
IL128191 A0	19991130	IL19970128191	19970723
IL128191 A1	20030212	IL19970128191	19970723
KR100477256 B1	20050317	KR19997000588	19970723
KR20000068017 A	20001125	KR19997000588	19990125
US6484619 BA	20021126	US19990230127	19990122
WO9803882 A1	19980129	WO1997FR01373	19970723

Priority:

FR19960009290 19960724 WO1997FR01373 19970723

Probable Assignee: SFIM IND

Assignee(s): (std): PERTHUIS DENIS ; ROY JEAN CLAUDE ; SAGEM ; SFIM IND ; THOMAS PIERRE ; THOMSON CSF
Assignee(s): SFIM INDUSTRIES ; THOMSON CSF PARIS ; SAGEM SA ; THALES ; SAGEM S A ; SAGEM S A PARIS
Inventor(s): (std): PERTHUIS DENIS ; PERTHUIS DENIS ; ROY JEAN CLAUDE ; THOMAS PIERRE
Agent(s): REINHOLD COHN AND PARTNERS
Designated states: AT BE CH DE DK ES FI FR GB GR IE IL IT KR LU MC NL PT SE US

Title: RADAR IMAGING APPARATUS

Abstract: Source: US2004232329A A radar transceiver (4, 5) is mounted on a pantograph (31) for scanning over a surface of interest so that sub-surface features may be investigated and imaged. A computer controls at least one stepper motor driving an X-Y scanner (34) for determining the location and operation of the pantograph. The arrangement is useful in a SAR stepped frequency continuous wave imaging system using a two-dimensional boustrophedral or random scan of the surface and analysing both amplitude and phase components of the received signal.

Classifications:

International (IPC 8-9): G01S13/34 G01S13/88 G01S13/89
G01S13/90 G01S7/03 G01V3/12 H01Q1/32

H01Q3/08 (Advanced/Invention);

G01S13/00 G01S7/35 (Advanced/Non-invention);

G01S13/00 G01S7/03 G01V3/12 H01Q1/32

H01Q3/08 (Core/Invention);

G01S7/02 (Core/Non-invention)

International (IPC 1-7): G01S1/00 G01S13/34 G01S13/88

G01S13/90 G01V3/12 G21K7/00

CPC: G01S7/03 G01S7/352 G01S13/003 G01S13/34 G01S13/88

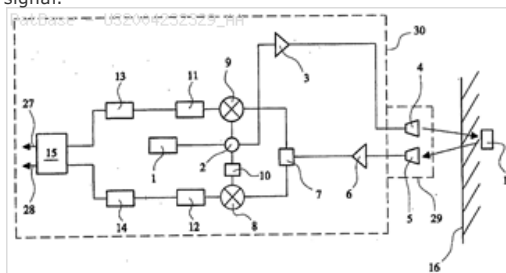
G01S13/885 G01S13/89 G01S13/90 G01S13/9035 G01V3/12

H01Q1/3225 H01Q3/08 G01S2007/356 G01S2007/358

European: G01S13/34 G01S13/88 G01S13/89 G01S13/90 G01S13/90S G01S7/03 G01V3/12 H01Q1/32A4 H01Q3/08

S01S13/00B S01S13/88D S01S7/35B S01S7/35B2 S01S7/35B3

US: 250/306 250/306P 342/179 342/188 342/188S 342/194 342/194S 342/22 342/22P 342/25 342/25.00A 342/25.00AS 342/25A

**Family:**

Publication number	Publication date	Application number	Application date
AU2002321657 AA	20030401	AU20020321657	20020913
AU2002321657 BB	20060824	AU20020321657	20020913
AU2002324194 AA	20030401	AU20020324194	20020913
CA2458614 AA	20040310	CA20022458614	20020913
CA2460455 AA	20040310	CA20022460455	20020913
EP1425601 A2	20040609	EP20020755369	20020913
EP1425609 A2	20040609	EP20020758613	20020913
GB200122357 A0	20011107	GB20010022357	20010915
JP2005503566 T2	20050203	JP20030529188T	20020913
JP2005503567 T2	20050203	JP20030529194T	20020913
US2004232329 AA	20041125	US20040489840	20040315
US2005062639 AA	20050324	US20020491237	20020913
US7190302 BB	20070313	US20020491237	20020913
WO03025613 A2	20030327	WO2002GB04181	20020913
WO03025613 A3	20031030	WO2002GB04181	20020913
WO03025619 A2	20030327	WO2002GB04187	20020913
WO03025619 A3	20031030	WO2002GB04187	20020913

Priority:

GB20010022357 20010915

WO2002GB04181 20020913

WO2002GB04187 20020913

Probable Assignee: SEC DEP FOR DEFENCE

Assignee(s): (std): SECR DEFENCE BRIT ; BIGGS ROGER TREDEGAR ; SEC DEP FOR DEFENCE ; SECR DEFENCE

Assignee(s): THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNI ; SEC DEP FOR DEFENCE IN HER BRITANNIC MAJESTY S ; SEC DEP FOR DEFENCE IN HER BRITANNIC MAJESTY S GO ; THE SECRETARY OF STATE OF DEFENCE ; SECRETARY OF STATE FOR DEFENCE THE ; SECRETARY OF STATE FOR DEFENCE ; THE SECRETARY OF STATE FOR DEFENCE ; THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY S GOVERNMENT OF THE UNETED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND ; THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND ; SEC DEP FOR DEFENCE IN HER BRITANNIC MAJESTY S GOVERNMENT OF UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Inventor(s): (std): BIGGS ROGER TREDEGAR

Inventor(s): ROGER TREDEGAR BIGGS ; BIGGS ROGER

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; JOHN S PRATT ESQ KILPATRICK STOCKTON LLP; DEAN W; KILPATRICK STOCKTON LLP

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

Title: Display device and system

Abstract: Source: GB2410389A A display system comprises a display device and a remote image capture device 24. The display device is a container 10, preferably a briefcase, having open and closed configurations incorporating a display 12 on its external surface, preferably the surface of an upper briefcase portion. The container 10 may house a power supply and display driver, and may be powered by solar cells 20. The remote image capture device 24 transmits image data to the display device, preferably via RF transmission. The display device may transmit the data to, and receive data from, a further remote transceiver, preferably a node of a communications network. The display device may also incorporate a camera to allow conferencing via said network. The display device may be remotely operable, wirelessly, or hardwired, allowing control of the images displayed. The image capture device 24 may attach to another object, such as a boom or remote controlled carriage.

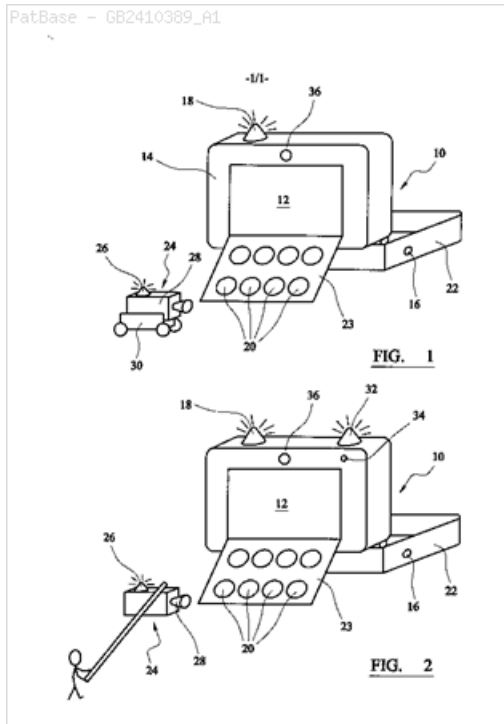
Classifications:

International (IPC 8-9): H04N7/18 (Advanced/Invention);
H04N7/18 (Core/Invention)

International (IPC 1-7): G06F1/16 H04N7/14 H04N7/18

CPC: H04N7/185

European: H04N7/18D2



Family:

Publication number	Publication date	Application number	Application date
GB200401153 A0	20040218	GB20040001153	20040120
GB2410389 A1	20050727	GB20040001153	20040120

Priority:

GB20040001153 20040120

Probable Assignee:

ICE 21 LTD

Assignee(s): (std):

ICE 21 LTD

Assignee(s):

ICE 21 LIMITED

Inventor(s): (std):

MARTINEZ ANTHONY

Inventor(s):

ANTHONY MARTINEZ