

Search history

Search 1: DSC=(Dispenser sensor blocking arrangement) (Results 0)
Search 2: TAC=(Dispenser sensor blocking) (Results 0)
Search 3: DSC=(Dispenser sensor blocking) (Results 0)
Search 4: TAC=(Dispenser tissue sensor) (Results 0)
Search 5: TAC=(Dispenser t) (Results 36)
Search 6: TAC=(Dispenser) (Results 126140)
Search 7: TAC=(Dispenser) and sensor (Results 8667)
Search 8: TAC=(Dispenser) and sensor and paper (Results 488)
Search 9: TAC=(Dispenser) and sensor and paper and fill (Results 20)

Title: GASOLINE DISPENSER

Abstract: Source: US3871503A An automatic gasoline dispenser receiving tokens from customers and paying out change to the nearest penny for gasoline purchased but not dispensed. **A** dispenser with an accuracy of one four hundredth of **a** gallon and indicating volume dispensed to one four hundredth of **a** gallon. An automatic dispenser delivering gasoline to the last full cent when the total amount purchased is taken by the customer.

Classifications:

International (ipc 8-9): B67D5/08 B67D5/22 B67D5/30 B67D7/08 B67D7/14 B67D7/22 B67D7/30 G05D7/03 G07F13/02 G07F15/00 G07F15/04 (Advanced/Invention); B67D7/08 B67D7/22 G05D7/00 G07F15/00 (Core/Invention)

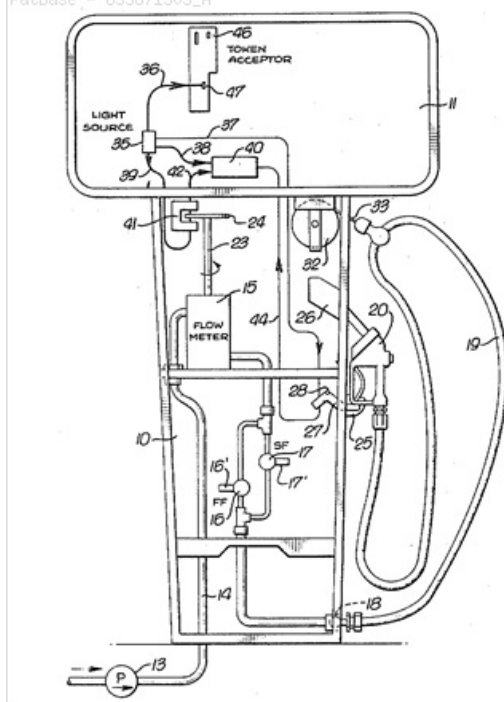
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CPC: B67D7/228 B67D7/308 G07F15/04 B67D7/08 B67D7/14 G07F13/025 G06Q50/06

European: B67D7/08 B67D7/14 B67D7/22C4B B67D7/30D4B G06Q50/06 G07F13/02B G07F15/04

US: 194/13 194/206 194/212 194/218 222/2 222/22 222/23 222/36 235/151.34 235/94A 700/283 702/100 705/413

PatBase - US3871503_A



Family:

Publication number	Publication date	Application number	Application date
AU197472234 A1	19760212	AU19740072234	19740812
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CA1021463 A2	19771122	CA19760255584	19760624
CA997718 A1	19760928	CA19740204875	19740716
DE2455999 A1	19750703	DE19742455999	19741127
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IT1026119 A	19780920	IT19740054701	19741220
JP50096911 A2	19750801	JP19740126495	19741101
US3871503 A	19750318	US19730427579	19731226
US3935435 A	19760127	US19740516289	19741021

Priority:

CA19740204875 19740716 CA19760255584 19760624 US19740516289 19741021
US19730427579 19731226

Probable Assignee: PAN NOVA

Assignee(s): (std): PAN NOVA

Assignee(s): PAN NOVA INC ; GREENWOOD ROBERT C

Inventor(s): (std): GREENWOOD ROBERT C ; GREENWOOD ROBERT CLELAND

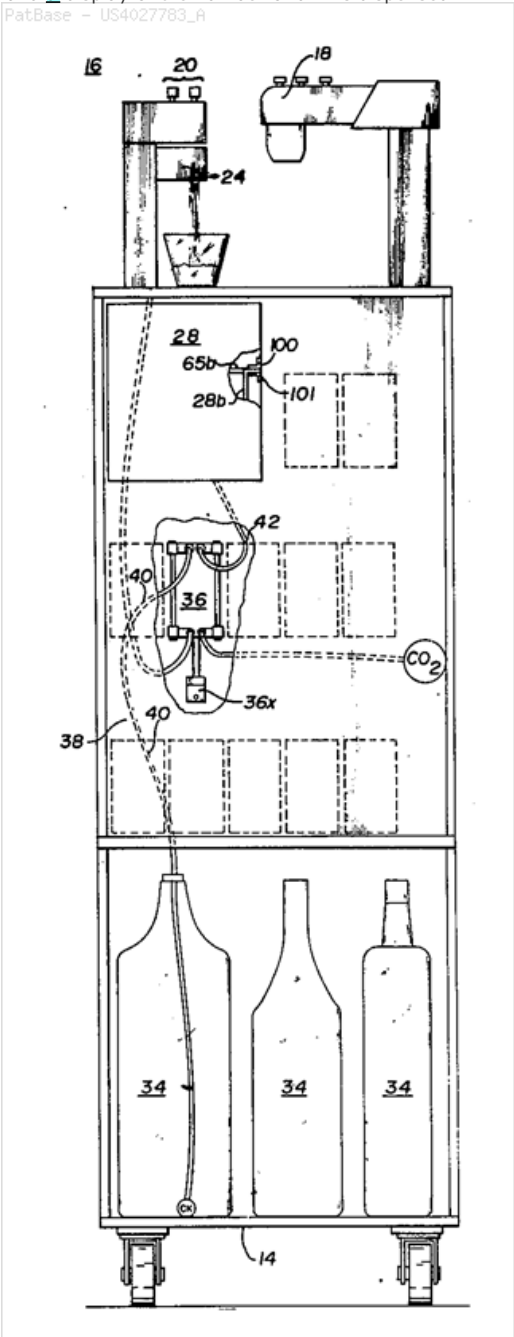
Inventor(s): ROBERT CLELAND GREENWOOD ; C GREENWOOD ROBERT

Title: Tallying beverage dispenser

Abstract: Source: US4027783A Tally means for a liquid dispenser which selectively draws measured quantities of liquor for discharge through a discharge sprout. A liquid pressure responsive sensor is connected to the discharge line and is responsive only to passage of liquid. The sensor has a chamber with a diaphragm closing one end. A chamber inlet, larger than the outlet, leads through the end closed by the diaphragm. Because of differential in orifice size, liquid accumulates in the chamber causing the diaphragm to deflect but not respond to air flow. A piston in the chamber is moved by the diaphragm to actuate a tally apparatus to provide both printed record and a display of the number of drinks dispensed.

Classifications:

International (IPC 8-9): B67D1/00 (Advanced/Invention)
International (IPC 1-7): B67D5/02 B67D5/10 B67D5/22 B67D5/24 B67D5/32 B67D5/64 F04B9/12 G07F
CPC: B67D1/0007 B67D2210/00091
European: B67D1/00E2B4 L67D210/00D8H
US: 222/129.3 222/135 222/26 222/30 235/94R



Family:

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GB1515622 A	19780628	GB19760032855	19760806
IT1073698 A	19850417	IT19760051064	19760827
US4027783 A	19770607	US19750608454	19750828

Priority:

US19750608454 19750828

Probable Assignee: BOOTH INC

Assignee(s): (std): BOOTH INC

Inventor(s): (std): BRANCH WILLIAM C ; BRANCH WILLIAM CURTIS ; COLE OLIVER W ; COLE OLIVER WAVERLY ; KIDD ROBERT P ; KIDD ROBERT PALMER

Inventor(s): PALMER KIDD ROBERT ; WAVERLY COLE OLIVER ; CURTIS BRANCH WILLIAM

Title: METHODS AND APPARATUS FOR STORING CHEMICAL COMPOUNDS IN A PORTABLE INHALER

Abstract: Source: US2002011247A The invention provides exemplary aerosolization apparatus and methods for aerosolizing a substance. According to one exemplary method, a liquid is transferred from a first chamber into a second chamber having a substance that is in a dry state to form a solution. The solution is then transferred from the second chamber and onto an atomization member. The atomization member is operated to aerosolize the solution.

Classifications:

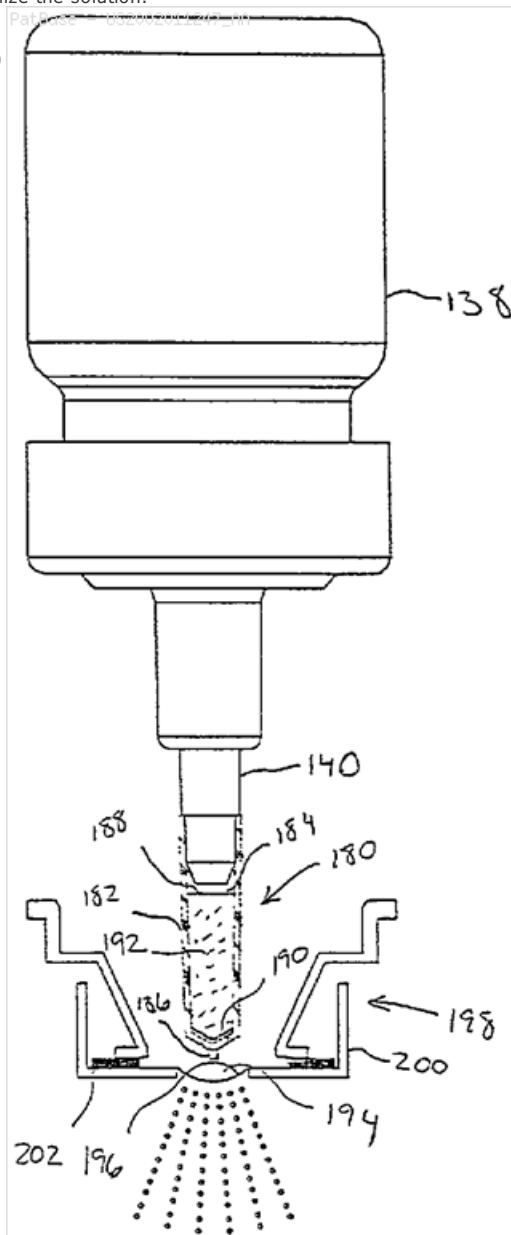
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International (IPC 1-7): A61K6/00 A61K9/12 A61K9/72 A61M1/00 A61M11/00 A61M15/00 A61M16/00 A61M16/10 B05B1/08 B05B1/14 B05B11/02 B05B11/02 B05B17/04 B05B17/06 B05B9/04 B05C11/105 B05D7/14 B41J1/00 B41J2/015 B41J2/025 B41J2/04 B41J2/045 B41J2/055 B41J2/135 B41J2/175 B65D83/06 B65D83/14 G01D15/16 G01D15/18

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European: A61M11/00F A61M15/00C A61M15/00D A61M15/00F A61M5/30 B05B11/00B6 B05B11/30P B05B11/30R B05B12/08 B05B17/06B5F B05B17/06B7D B05B17/06B7F B05B17/06B7F2 B41J2/025 B41J2/04 C25D1/08 K61M11/00F K61M11/00M2 K61M15/00F K61M15/00P K61M15/02A K61M16/00A11 K61M16/00A12 K61M16/00A14B4 K61M16/00A20 K61M16/00A8B2 K61M16/00A8B4 K61M205/02K K61M205/33D K61M205/33M1 K61M205/33V K61M205/33V1 K61M205/33V2 K61M205/33V3 K61M205/70F2 K61M205/82B L05B11/00B5A4 L05B17/06B5F L05B17/06B9B20 L41J202/15

US: 128/200.14 128/200.140P 128/200.140S 128/200.16 128/200.160P 128/200.18 128/200.22 128/200.23 128/200.230P 128/200.230S 128/203.12 128/203.120S 128/203.15 128/203.150S 128/600.16 222/129 239/102 239/102.1 239/102.100P 239/102.2 239/102.200 239/102.200P 239/102.200S 239/103 239/104 239/11 239/11S 239/120 239/124 239/338 239/4 239/406 239/4P 239/552 239/556 239/556S 239/601 239/601S 239/69 239/696 239/71 346/1.1 346/11 346/139C 346/140.1 346/140R 346/141 347/1 347/47 347/54 347/70 60/44.8 604/186 604/246 604/48 604/514 604/92



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Probable Assignee: NOVARTIS AG

Assignee(s): (std): FLUID PROPULSION TECHNOLOGIES ; FLUID PROPULSION TECHNOLOGIES INC ; IVRI YEHUDA ; YEHUDA IVRI ; WU CHENG H ; AEROGEN INC ; CATER MIRO S ; DE YOUNG LINDA R ; FLIERL MARKUS ; FLUID PROPULSION TECHN INC ; NOVARTIS PHARMA AG ; NOVARTIS AG ; KUMAR VIJAY

Assignee(s): STAMFORD DEVICES LTD ; FLUID PROPULSION TECHNOLOGIES INC SANTA CLARA CALIF US ; KLIMOWICZ MIKE ; NARAYAN SHARAD ; FLUID PROPULSION TECHNOLOGIES INC ; DEYOUNG LINDA R ; SF CAPITAL PARTNERS LTD ; FURUIDO PUROPARUSHIYON TECHNOL INC ; FLUID PROPULSION TECHNOLOGIES INC SANTA CLARA CALI

Inventor(s): (std): BORLAND SCOTT ; CHENG H WU ; DE YOUNG LINDA R ; IVRI YEHUDA ; LINDA R DEYOUNG ; MARKUS FLIERL ; MARTIN JONATHAN ; MIRO S CATER ; SEMANS SCOTT ; VIJAY KUMAR ; WU CHENG H ; YEHUDA IVRI ; YOUNG LINDA R DE ; WU H ; WU CHENG ; NARAYAN SHARAD ; KUMAR VIJAY ; FLIERL MARKUS ; DEYOUNG R ; DEYOUNG LINDA R ; IFUDA AIBURI ; CATER S ; CATER MIRO S ; KLIMOWICZ MIKE ; SMITH NIAL ; POWER JOHN

Inventor(s): MIKE KLIMOWICZ ; CATER MIRO S DAYTONA BEACH ; FLIERL MARKUS SUNNYVALE ; DE YOUNG LINDA R EL GRANADA ; JOHN POWER ; IVRI YEHUDA PALO ALTO CA94306 US ; IVRI YEHUDA IRVINE ; LINDA R DE YOUNG ; KUMAR VIJAY SUNNYVALE ; SHARAD NARAYAN ; NIAL SMITH ; WU CHENG H SUNNYVALE

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FPA PATENT ATTORNEYS PTY LTD; FETHERSTONHAUGH AND CO; SCHWABE SANDMAIR MARX; KAZI ILYA; CLARK JANE ANNE; Clark Jane Anne; CARVAJAL Y ISABEL; TOWNSEND AND TOWNSEND AND CREW LLP; MICHAEL J; ZILKA KOTAB PC

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: COIN-DISCRIMINATOR VOUCHER ANTI-COUNTERFEITING METHOD AND APPARATUS

Abstract: Source: US2002175515A Vouchers and methods for providing vouchers configured to assist in distinguishing unauthorized duplicate or counterfeit vouchers are disclosed herein. In one embodiment, a voucher can include a substrate, a first indicia on the substrate, and a thermally responsive second indicia on the substrate. At least one of the first indicia and the second indicia indicating a value of the voucher. In another embodiment, a method is provided to assist in distinguishing duplicate or counterfeit vouchers. The method includes providing a substrate with a thermally responsive first indicia, and printing on the substrate at the coin-counting machine at least a second indicia. The second indicia containing at least an indication of a value of the voucher.

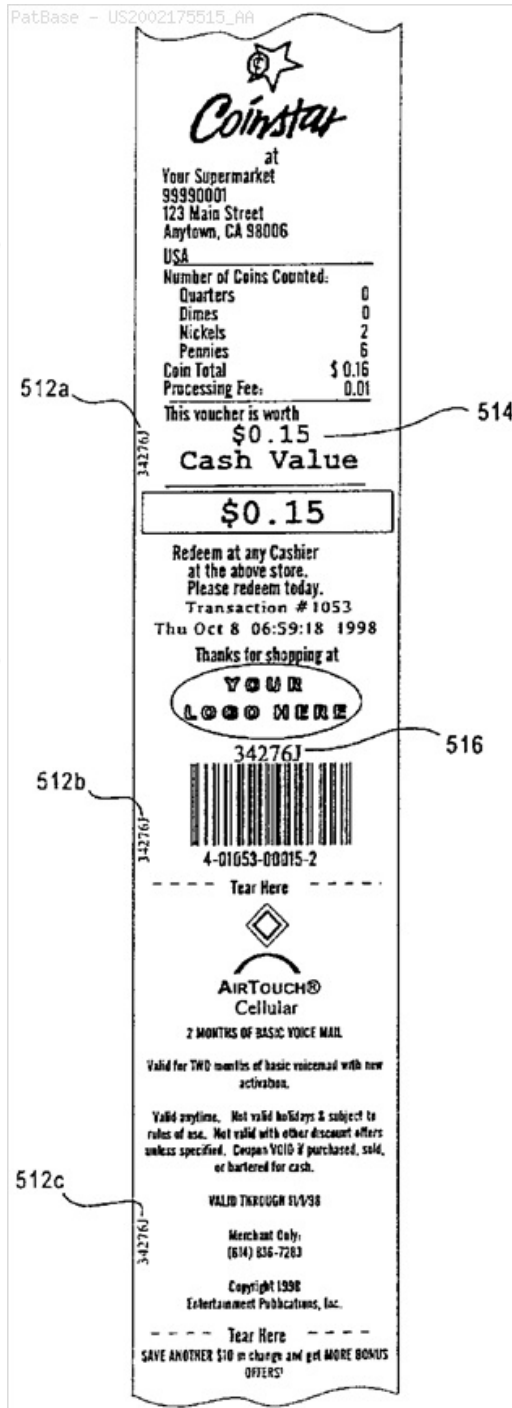
Classifications:

International (IPC 8-9): B42D15/00 B42D15/10 G06F17/00 G06F19/00 G06K15/00 G06K5/00 G06M3/06 G06M3/08 G06Q20/00 G06Q20/34 G06Q40/00 G07B5/00 G07D1/04 G07D11/00 G07D3/00 G07D3/16 G07D5/00 G07D7/00 G07D7/14 G07D9/00 G07D9/04 G07F1/04 G07F17/42 G07F19/00 G07F5/18 G07F7/00 G07F7/02 G07F9/08 G07G5/00 G09B19/22 G09C1/00 (Advanced/Invention); B42D15/00 G07B5/00 G07D3/00 G07D9/00 (Advanced/Non-invention); B42D15/00 G06F19/00 G06K15/00 G06M3/00 G07D1/02 G07D3/00 G07D7/00 G07D9/00 G07D9/04 G07F1/00 G07F17/00 G07F19/00 G07F5/00 G07F7/00 G07F9/08 G07G5/00 (Core/Invention)

International (IPC 1-7): B42D15/00 G06F17/60 G06F19/00 G06F7/00 G06F9/00 G06K15/00 G06K19/06 G06M3/08 G07B1/00 G07B5/00 G07D3/00 G07D3/16 G07D5/00 G07D7/00 G07D9/00 G07D9/04 G07F1/04 G07F17/42 G07F3/04 G07F7/00 G07F9/00 G07F9/02 G07F9/06 G07F9/08 G07G5/00

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US: 194/200 194/202 194/215 194/215S 194/216 194/217 194/218 194/335 194/344 194/346 194/347 194/348 194/351 235/375 235/379 235/379P 235/380 235/381 235/383 235/494 235/494P 283/113 283/17 283/48.1 283/57 283/57P 283/60.1 283/62 283/67 283/67P 283/70 283/72 283/72P 283/72S 283/73 283/901 283/902 283/92 283/92P 283/92S 340/5.54 340/5.9 340/825.32 377/7 453/10 453/3 453/32 453/4 453/6 700/235

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Priority:

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WO2002US26245	20020816				

Probable Assignee: OUTERWALL INC

Assignee(s): (std): BEACH KIRK ; BROWN DAVID J ; COINSTAR INC ; GEIGER STEVEN ; MANION TIMOTHY ; GEIGER STEVEN M ; MANION TIMOTHY J ; GERRITY DANIEL A ; SCHERER SCOTT ; SCHERER SCOTT J ; SKYDECK CORP ; MOLBAK JENS H ; SUN VAE E ; OUTERWALL INC

Assignee(s): OUTERWALL INC BELLEVUE ; OUTERWALL INC A DELAWARE CORPORATION F K A COINSTAR INC ; SILICON VALLEY BANK ; SCAN COIN IND ; SCAN COIN IND AB ; SILICON VALLEY BANK DOCUMENTATION GROUP ; BANK OF AMERICA NA ; BANK OF AMERICA NA COLLATERAL AGENT AS ; BANK OF AMERICA NA IN ITS CAPACITY ADMINISTRATIVE ; BANK OF AMERICA NA IN ITS CAPACITY ADMINISTRATIVE AGENT FOR ITSELF LENDERS AND L C ISSUER EACH IS DEFINED IN ATTACHED SECURITY AGREEMENT AS ; BANK OF AMERICA NA IN ITS CAPACITY ADMINISTRATIVE AGENT FOR ITSELF LENDERS AND L C ISSUER EAST IS DEFINED IN ATTACHED SECURITY AGREEMENT AS ; IMP BANK ; JPMORGAN CHASE BANK ADMINISTRATIVE AGENT PO BOX AS ; JPMORGAN CHASE BANK ADMINISTRATIVE AGENT AS ; MOLBACK JENS H ; JPMORGAN CHASE BANK AS ADMINISTRATIVE AGENT ; COINSTAR LLC

Inventor(s): (std): BEACH KIRK ; CARLSON JOHANNA ; DORAN MICHAEL ; GEIGER STEVEN ; GERRITY DANIEL A ; LEWIS CAROL ; MANION TIMOTHY ; MOLBACK JENS H ; TIMOTHY MANION ; TIMOTHY J MANION ; SUN VAE E ; SCOTT SCHERER ; SCHERER SCOTT ; SCHERER SCOTT J ; MOLBAK JENS H ; MANION TIMOTHY J ; GEIGER STEVEN M ; BROWN DAVID J ; BROWN DAVID ; STEVEN M GEIGER ; STEVEN GEIGER ; SCOTT J SCHERER ; JENS H MOLBAK ; DAVID J BROWN

Inventor(s): BROWN DAVID J PEORIA ; GERRITY DANIEL ; GEIGER STEVEN STANWOOD ; MANION TIMOTHY SEATTLE ; SUN VAE ; SCHERER SCOTT SAN FRANCISCO ; MOLBAK JENS

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; BULL HOUSSEY AND TUPPER LLP; BULL HOUSSEY AND TUPPER; OYEN WIGGS GREEN AND MUTALA LLP; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; JEHAN ROBERT; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER; PERKINS COIE LLP, PATENT-SEA; PERKINS COIE LLP PATENT SEA; PERKINS COIE LLP,PATENT-SEA; PERKINS COIE 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 VN YU ZA ZM ZW

Title: AUTOMATED DOCUMENT PROCESSING SYSTEM USING FULL IMAGE SCANNING

Abstract: Source: US2002085745A A document processing system comprises an input receptacle for receiving documents. A transport mechanism receives the documents from the input receptacle and transports the documents past a full image scanner and a discrimination unit. An output receptacle receives the documents from the transport mechanism after being transported past the full image scanner and the discrimination unit. The full image scanner includes means for obtaining a full video image of said documents, means for obtaining a image of a selected area of said documents, and means for obtaining information contained in said selected area of said document. The discrimination unit includes means for determining the authenticity of said document. A system controller directs the flows of documents over the transport mechanism.

Classifications:

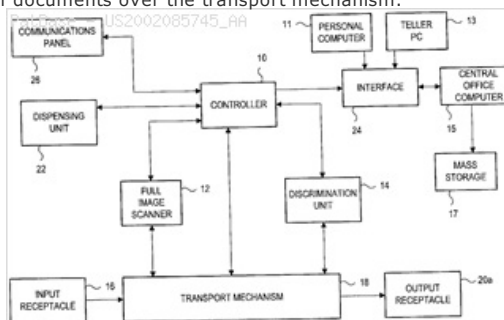
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International (IPC 1-7): B07C5/00 G06F17/60 G06K9/00 G06K9/78 G06T1/00 G07D11/00 G07D7/00 G07D7/06 G07D7/12 G07D7/20 G07F19/00 G07F7/04 G07F7/10 H04N1/00 H04N1/04

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European: G06K9/00Y1 G06K9/00Z G06K9/03A G06K9/18M G06K9/72S G06Q10/10 G06Q20/042 G06Q20/0425 G06Q20/10 G06Q20/105 G06Q20/108 G06Q20/1085 G06Q20/18 G06Q20/20 G06Q40/00 G06Q40/02 G06T1/00 G06T1/00A G07D11/00D G07D11/00F6 G07D11/00K G07D11/00M G07D3/14 G07D7/04 G07D7/06 G07D7/12 G07D7/12C G07D7/20 G07F19/00F G07F19/20 G07F19/202 G07F19/207 G07F7/04

US: 194/206 209/534 235/379 356/71 382/100P 382/135 382/135P 382/136 382/137 382/137P 382/137S 382/138 382/139 382/139P 382/139S 382/140 382/282 382/311 382/318 705/39 705/42 705/43 705/45 705/45P 902/8



Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: CUMMINS ALLISON CORP

Assignee(s): (std): JONES PAUL A ; JONES WILLIAM J ; MENNIE DOUGLAS U ; MUNRO MARK C ; JONES JOHN E ; CUMMINS ALLISON CORP

Assignee(s): GAFRON RONALD M ; CUMMINS ALLISON CORP891 FEEHANVILLE DRIVEMOUNT PROSPECTIL60056US ; CUMMINGS ALLISON CORP

Inventor(s): (std): JONES PAUL A ; JONES WILLIAM J ; MARK C MUNRO ; JONES JOHN E ; GAFRON RONALD M ; JOHN E JONES ; MENNIE DOUGLAS U ; MUNRO MARK C ; WILLIAM J JONES ; RONALD M GAFRON ; PAUL A JONES ; DOUGLAS U MENNIE

Inventor(s): GAFRON RONALD ; MENNIE DOUGLAS ; MENNIE DOUGLAS UUS ; JONES JOHN ; JONES PAUL ; JONES WILLIAM ; JONES JOHN EUS ; JONES PAUL AUS ; JONES WILLIAM JUS

Agent(s): MARKS AND CLERK; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET; CUMMINS ALLISON CORP C O JENKENS AND GILCHRIST; JENKENS AND GILCHRIST A PROFESSIONAL CORP; JENKENS AND GILCHRIST PC; NIXON PEABODY LLP

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

Title: SPEEDOMETER FOR A MOVING SPORTSMAN

Abstract: Source: US2001034583A The invention detects the loft time and/or speed of a vehicle, such as a sporting vehicle, during activities of moving and jumping. A loft sensor detects when the vehicle leaves the ground and when the vehicle returns to the ground. A microprocessor subsystem converts the sensed information to determine a loft time. A display shows the recorded loft time to a user of the system. In addition, a speed sensor can detect the vehicle's speed for selective display to the user. The invention is particularly well-suited to sporting activities such as snowboarding where users loft into the air on ski jumps and catch "air" time but have no quantitative measure of the actual time lapse in the air. Therefore, users in skiing can use invention to record, store, and playback selected information relating to their sporting day, including the total amount of "air" time for the day and information such as dead time, i.e., time not spent on the slopes.

Classifications:

International (IPC 8-9): A43B3/00 A43B5/06 A61B5/00 A61B5/024 A61B5/08 A61B5/103 A61B5/11 A61B5/145 A61B5/22 A61F5/14 A63B24/00 A63B71/06 A63C11/00 A63C5/06 A63F13/798 A63K3/00 G01B21/00 G01B21/16 G01B5/02 G01B5/10 G01B7/004 G01C17/38 G01C21/16 G01C22/00 G01C22/02 G01C5/00 G01C9/00 G01G19/44 G01G23/00 G01G23/37 G01G7/00 G01G9/00 G01K13/00 G01L1/00 G01L1/04 G01L1/16 G01L1/22 G01L3/24 G01L5/00 G01P1/12 G01P11/00 G01P13/00 G01P15/00 G01P15/02 G01P15/08 G01P15/18 G01P21/00 G01P3/00 G01P3/36 G01P3/42 G01P3/50 G01P3/62 G01P5/08 G01P5/24 G01P7/00 G01S1/08 G01S11/14 G01S17/02 G01S17/58 G01S19/00 G01S19/19 G04F1/00 G04F10/00 G04F5/00 G04F8/08 G06F11/00 G06F11/30 G06F11/34 G06F15/00 G06F17/00 G06F17/40 G06F19/00 G06K9/36 G06Q10/00 G06Q10/08 G06Q30/00 G07C1/22 G07C1/24 G07F17/32 G08B1/08 G08B13/14 G08B5/36 G08G1/123 G08G9/00 G21C17/00 H04L12/26 H04M1/00 H04M1/725 H04N5/38 H04N7/16 H04N7/18 H04Q9/00 H04W4/00 H04W4/02 H04W76/02 H05K5/02 (Advanced/Invention);

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A63B71/06 A63K3/00 G01B5/02 G01B5/08 G01C22/00 G01P13/00 G01P15/00 G01P3/42 G01S19/00 G06F11/34 G06F15/00 G06F19/00 G07C1/00 G08B13/14 H04N7/16

H04N7/18 (Core/Invention);

A63B24/00 G01S11/00 (Core/Non-invention)

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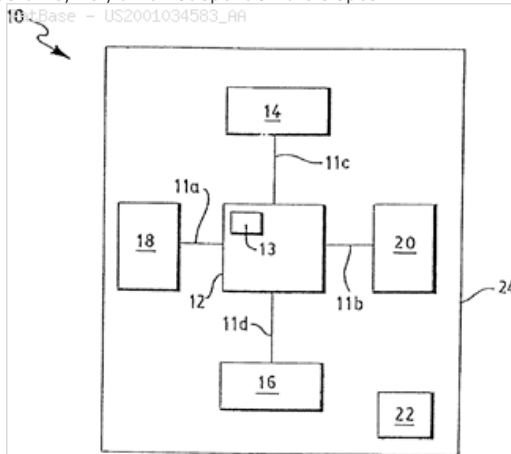
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European: A42B3/04B6 A42B3/04B6D A43B3/00 A43B3/00E A43B5/06 A61B5/00B A61B5/11 A61B5/11M A61B5/11N A61B5/11P A61B5/11W A61B5/68B1D3 A61B5/68B3D1 A63B23/035G A63B24/00 A63B24/00A A63B24/00A1 A63B24/00E A63B24/00G A63B69/00U A63B69/18 A63B69/18C A63B71/06 A63B71/06B A63B71/06D2 A63B71/10 A63C11/00 A63C17/26 A63C5/06 G01C21/10 G01C21/16 G01C21/20 G01C22/00B G01C22/00P G01C22/02 G01G19/44 G01G23/00 G01G23/37W G01P1/06 G01P1/12C G01P15/00 G01P15/08L G01P15/18 G01P3/36C G01P3/42 G01P3/50 G01P3/62 G01P5/08 G01S11/14 G01S17/02C G01S17/58 G01S19/19 G04F8/08 G06Q10/08 G06Q10/083 G06Q10/0833 G07C1/10 G07C1/22 G07C1/24 G08G1/20 G08G9/00 H04N7/18D2 H04W4/02P4 K61B5/113 K61B5/11M K61B5/11N K61B5/11N2 K61B5/11R K61B5/11S2 K61B503/10 K61B560/04B2 K61B562/02C K61B562/08 K61B562/24B K63B208/12 K63B208/14 K63B220/05 K63B220/12 K63B220/13 K63B220/14 K63B220/16 K63B220/18 K63B220/20 K63B220/30 K63B220/34 K63B220/40 K63B220/44 K63B220/51 K63B220/52 K63B220/53 K63B220/56 K63B220/62 K63B220/64 K63B220/74 K63B220/80A K63B220/80C K63B220/80F K63B220/80G K63B220/80M K63B220/83A K63B220/83C K63B225/15 K63B225/50 K63B230/01 K63B230/75 K63B24/00E1 K63B24/00G3 K63B244/08 K63B244/10 K63B244/19 K63B244/24 K63B5/00 K63B69/00 K63B69/00G K63B69/00J K63B69/00K K63B69/00U K63B69/16 K63B69/18 K63B69/18M K63B69/26 K63B71/06 K63B71/06B K63B71/06C K63B71/06D3 K63B71/06D4 K63B71/06D6B2 K63C203/18 K63C203/24 K63C5/03 S01S11/14 S01S15/60 T04N5/38 T04W4/04B

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Family:

Publication number	Publication date	Application number	Application date
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US20150736221	20150610	US20160050203	20160222		

Probable Assignee: PHATRAT TECHNOLOGY INC

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Inventor(s): BURL W AMSBURY ; ERIC R EDSTROM ; VOCK CURTIS ; ADRIAN LARKIN ; ROBERT MUIR HOLME ; PAUL JOHJAK ; HOLME ROBERT ; AMSBURY BURL ; EDSTROM ERIC

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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 PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Title: CONTINUOUS PACKAGING IN ENCLOSED CONDUITS

Abstract: Source: US2002110625A The invention relates to a package having a first web defining a cavity and a second web bonded to the first web, wherein the second web includes microperforations at a location that is specific to minimize the escape of liquids from the cavity to the exterior of the package. In one particular embodiment, the first web defines a four sided cavity with walls and corresponding flaps attached to the walls that can be folded and bonded to the cavity walls. The second web is an overwrapping lidding web, wherein microperforations are provided on the web material so that the microperforations are aligned with a flap recess, which in turn is in communication with the interior of the tray cavity. In this manner, suitable gas exchange can occur with minimal to no escape of liquids from the tray cavity.

Classifications:

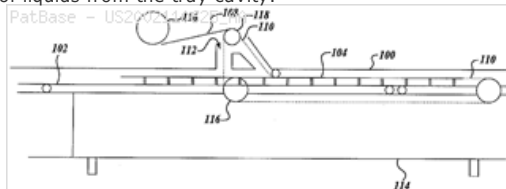
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CPC: A61L2/202 A61L2/22 B29C66/53461 B29C66/344 B29C2795/002 B29K2027/06 B29L2031/712 B01D21/262 B04B1/20 A22C17/00 A23L3/3445 B29C65/4815 B29C65/4825 A23V2200/10 A23V2250/11 A23B4/20 A23B4/26 A23J1/02 B29C65/7894 B29C66/83413 B29C66/83421 B29C66/83531 B01D21/34 B29C66/24244 A22C17/08 B01D21/02 B01D21/2405 B01D21/2433 B01D21/2444 B01D21/2461 B01D21/2494 B01D21/26 B01D221/06 B65D81/261 B65B7/162 B65B51/02 B65D81/263 B29C66/71 A23L13/00 A23L5/20 A23L13/60 A23L5/23 B65B7/164 A22B5/0029 A22B5/0041 A22C17/10 Y02E50/30 A23B4/10 A23L3/3409 A23V2002/00 B65B31/028 B65D77/2008 B65D77/2024 G06Q30/0621 B65D81/264 B65B25/067 B65D21/062 B65D21/066 B65D81/2076 B65D81/267 B65D81/268 B65D81/28 A23B4/12 A23B4/00 A23B4/16 A23B4/24 A23L3/0155 A23L3/3418 C12C3/04 G01N33/02

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**Family:**

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Priority:

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PLLC; FOLEY AND LARDNER LLP; CHRISTENSEN; JOHNSON KINDNESS PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ
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NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW

Title: DISPENSADOR DE VASOS EN BEBEDEROS CON REGULACION ELECTRONICA Cup dispenser IN DRINKERS WITH ELECTRONIC (Machine translation)

Abstract: Source: CO5321846U 1.- Modelo mejorado de dispensador de vasos en bebedero de agua accionado por moneda, caracterizado por: - Adaptacion de un motorreductor con viela para limitar su giro de 360 degrees en cada entrega de un vaso. - Adaptacion de un carrusel alojador de columnas de vasos en material acrilico. - Adaptacion de un tobogan deslizador de vasos por unidades para su llenado. - Adaptacion de un cubiculo para colocacion y llenado de cada vaso en volúmenes dosificados. - Adaptacion de una tarjeta de circuitos para accionamiento controlado electromecanicamente del dispensador de vasos.2.- Modelo conforme a la reivindicacion 1 en donde la limitacion de giro de 360 degrees del motorreductor para dispensar un vaso a la vez desde un apilamiento, esta regulado por un sensor encoder.3.- Modelo conforme a la reivindicacion 1, caracterizado en que dicho carrusel de columnas de vasos lleva en su base y en la union de dos columnas una aleta que accionada por un microswicht controla la existencia de vasos en cada Apilamiento.4.- Modelo conforme a la reivindicacion 1, caracterizado en que dicho tobogan permite colocar el vaso deslizado de su apilamiento o columna sobre un cubiculo para su llenado dosificado. 1. Improved model of dispensing drinking water vessels operated by coin, characterized by: - Adaptation of a geared motor with a crank to limit its 360 degrees in each delivery of a glass. - Adaptation of a carousel holder of columns of vessels in acrylic material. - Adaptation of a toboggan slide of vessels per unit for filling. - Adaptation of a cubicle for placement and filling of each vessel in metered volumes. - Adaptation of a circuit board for driving electro-controlled model vasos.2.- dispenser according to claim 1 wherein the limitation of 360 degrees of the gear motor to dispense a glass at a time from a stack, is regulated by Model encoder.3.- sensor according to claim 1, characterized in that said columns of cups carousel carries at its base and at the junction of two columns, a fin driven by a microswitch controls the existence of vessels in each stack. 4. Model according to the claim 1, characterized in that said slide allows the vessel slipped column stacking or a cubicle for filling dosed.

Classifications:

International (IPC 8-9): A47F10/00 B65D83/16 (Advanced/Invention)

DESCRIPCIÓN TÉCNICA Y FIGURAS

Para entender el alcance y objetivo del modelo de utilidad y las mejoras e innovaciones introducidas, nos apoyamos en el siguiente pliego de figuras:

LA FIGURA 1. Presenta un esquema de operación del dispensador de vasos a través del mecanismo de cuchilla y el motorreductor de viela.

LA FIGURA 2. Presenta el carrusel giratorio para el apilamiento tubular de los vasos.

LA FIGURA 3. Presenta la rampa o tobogán por donde desliza el vaso una vez liberado hacia la caverna o cubículo.

LA FIGURA 4. Presenta el cubículo acrílico o caverna de entrega individual del vaso y su llenado dosificado al usuario.

LA FIGURA 5. Es una presentación del circuito electrónico esquemático mainboard, diseñado especialmente para desarrollo del invento.

Conforme a lo anterior, nuestro modelo de utilidad mejorado para dispensador de vasos en bebederos monederos operados electrónicamente, alojados todos sus componentes en un mueble o cubierta convencional y a través del accionamiento de monedas que al ser depositadas en la ranura del dispensador hacen que el motorreductor 1 gire 360° de modo que su volante 2 anexo a un brazo o manivela de viela 3, a través de un pasador de unión 9, cambie el movimiento de rotación por el de traslación. El brazo 3 va unido al extremo de un cuerpo de cuchilla 7 angulado en un extremo, deslizante a través de un riel o guía 8. El giro del motor 1 y desplazamiento del brazo 3 va limitado por un sensor electrónico o encoder 4, que le indica la entrega de un vaso que llega de la zona de apilamiento 5. En esta zona se instala un juego de sensores de transmisión y recepción para informar y alertar que cada apilamiento vertical de vasos 5 se ha agotado y hacer que posicione el próximo apilamiento para ser entregado en cada giro de el motorreductor 1. La zona 5 de la figura 1 se materializa a través del conjunto de la figura 2, en la cual se aprecian apilamientos 10 verticales de vasos circularmente dispuestos sobre una plataforma de apoyo 11. En la base de cada apilamiento y precisamente en la unión de uno va una placa 12 de unión de la cual sale una aleta 13 que se encarga de controlar por contacto con un microswitch de la existencia de vasos, de modo que el motor limite su giro y lo posicione para su entrega.

El vaso al ser entregado por el giro del motor 1 y el movimiento de la cuchilla 7, cae en la rampa o tobogán 14 (figura 3) que posiciona el traslado del vaso hasta el extremo 15, en donde por efecto de unos salientes o uñas 16, espaciadas a manera de peine, colocan el vaso dispensado en el cubículo o

Family:

Publication number	Publication date	Application number	Application date
CO5321846 U1	20030930	CO20030025651U	20030327

Priority:

CO20030025651U 20030327

Probable Assignee: CARLOS AMIDO BERMUDEZ SALAZAR

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Inventor(s): CARLOS AMIDO BERMUDEZ SALAZAR ; GENARO MEJIA ARIAS

Agent(s): JOAQUIN AUGUSTO TORRES NIEVES

Title: SYSTEM AND METHOD FOR PROVIDING A RANDOM ACCESS AND RANDOM LOAD DISPENSING UNIT

Abstract: Source: US2005021173A A method of dispensing a prescription drug to a customer includes receiving a prescription for a particular customer from an authorized medical professional, choosing from an inventory of drugs a prescription drug to fill the prescription, creating a finished prescription by filling the prescription with the chosen prescription drug, and placing the finished prescription in a dispenser. The dispenser is connected to a computer, which identifies the finished prescription and controls the dispenser to dispense the finished prescription to the particular customer.

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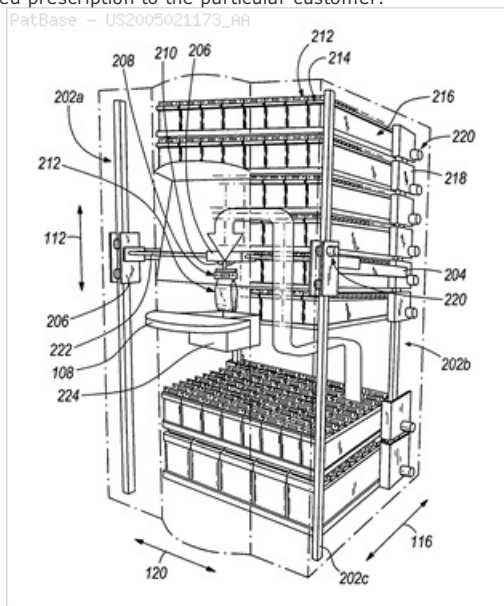
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International (IPC 1-7): B65D1/00 B65G59/00 B65H1/00 B65H3/44 G06F17/00 G06F7/00 G07F11/00

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Publication number	Publication date	Application number	Application date
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Priority:

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

Title: SEWAGE TREATMENT SYSTEM FOR USE IN MARINE TOILET AND OTHER REMOTE TOILETS

Abstract: Source: US2006144800A The method for marine sewage treatment comprises the steps of (a) dispensing with each toilet flush a controlled amount of heterotrophic bacteria culture into the boat's holding tank in order to substantially denitrify the sewage and liquefy the solids, (b) pumping raw sewage from said holding tank to fill a radiation loop, (c) applying microwave energy for a predetermined duration to the raw sewage contained within said radiation loop in order to disinfect said sewage, and (d) passing the disinfected hot sewage through a phosphate filter to substantially reduce the phosphate level. The marine sewage treatment system comprises: a toilet, a connection from a water source to said toilet, a connection from a dispenser of heterotrophic bacteria culture to said toilet, a holding tank for toilet sewage having an inlet coupled to said toilet, a macerator pump having an inlet coupled to the outlet of said holding tank and an outlet coupled to the inlet of a radiation loop, a phosphate filter having an inlet connected to the outlet of said radiation loop, an effluent discharge pump having an inlet coupled to the outlet of the phosphate filter and an outlet coupled to an effluent discharge opening to the sea and structure for applying microwave energy to said radiation loop to substantially disinfect and heat the waste water effluent in said radiation loop before filtering out the phosphates and discharging the treated effluent into the sea.

Classifications:

International (IPC 8-9): B01D21/00 B01D21/30 C02F1/00 C02F1/02 C02F1/30 C02F3/30 C02F9/04 C02F9/12 C02F9/14

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C02F1/00 C02F1/30 C02F1/52 C02F3/28 C02F3/30 (Advanced/Non-invention);

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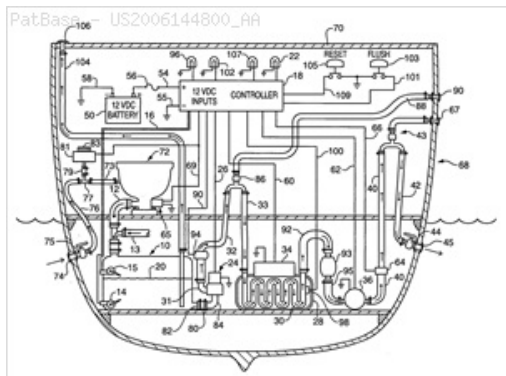
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CPC: B63B29/16 B63J4/004 C02F1/008 C02F1/705 C02F3/302 C02F9/00 C02F2103/005 C02F2103/008 C02F2303/04 Y02W10/37 C02F3/30 B01D21/0006 B01D21/003 B01D21/02 B01D21/10 B01D21/2416 B01D21/2444 B01D21/34 B01D221/02 C02F1/302 C02F2201/009 C02F2209/006 C02F2209/008 C02F2209/42 B01D21/302

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US: 210/121 210/121S 210/143 210/187 210/532.2 210/744 210/748 210/748.07 210/748.070S



Family:

Publication number	Publication date	Application number	Application date
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US6863805 BA	20050308	US20020306325	20021127

Priority:

CA20062538635 20060302 US20020306325 20021127 US20060363028 20060227
US20050072946 20050303

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Inventor(s): BARRERAS DANIEL ; BARRERAS FRANCISCO JSR ; BARRERAS FRANCISCO

Agent(s): SADIK AHMED N; WELSH AND KATZ LTD; THOMAS R

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

Title: HIGH DENSITY SEQUENCE DETECTION METHODS AND APPARATUS

Abstract: Source: US2005112634A Methods for amplifying polynucleotides, e.g., by PCR, in a sample comprising polynucleotide targets present at very low concentration, comprising: (a) applying amplification reactants to the surface of a substrate comprising reaction spots, wherein the reactants comprise the sample and an amplification reagent; (b) forming a sealed reaction chamber, having a volume less than about 120 nanoliters, preferably less than about 20 nanoliters, over each of said reaction spots; and (c) thermal cycling the substrate and reactants. In one embodiment, the forming step comprises loading a sealing fluid, e.g., mineral oil, on the surface so as to cover the reaction spots. The present invention also provides microplates, comprising: (a) a substrate having at least about 10,000 reaction spots, each comprising a primer and a droplet of reagent having a volume less than about 120 nanoliters, preferably less than about 20 nanoliters; and (b) a sealing liquid isolating each of the spots.

Classifications:

International (IPC 8-9): B01J19/00 B01L11/00 B01L3/00 B01L3/02 B01L7/00 B01L9/00 B29C65/00 B29C65/02 B29C65/10 B32B1/08 B32B33/00 B32B37/00 B32B37/02 B65B3/04 B67C3/00 B81B1/00 C07H21/00 C12M1/00 C12M1/14 C12M1/22 C12M1/32 C12M1/34 C12M1/36 C12M1/38 C12M1/42 C12M3/00 C12N15/09 C12N15/10 C12P19/34 C12Q1/68 C40B30/00 C40B30/04 C40B30/10 C40B40/06 C40B60/12 G01J1/10 G01J1/42 G01J3/02 G01N1/10 G01N1/14 G01N15/06 G01N21/00 G01N21/03 G01N21/25 G01N21/63 G01N21/64 G01N31/00 G01N33/00 G01N33/48 G01N33/50 G01N33/68 G01N35/00 G01N35/02 G01N35/04 G01N37/00 G02B7/02 G06F15/16 G06F17/50 G06F19/00 G06F19/20 G06Q10/00 H01L27/146 H01L27/148 H04N5/217 H04N5/225 H04N5/357 H04N5/361 H04N5/372 (Advanced/Invention);

B01L3/02 B01L7/00 B01L9/00 B01L99/00 C12Q1/68 G01N21/27 G01N35/00 G01N35/04 G01N35/10 (Advanced/Non-invention); B01L3/00 B01L3/02 B29C65/00 B29C65/02 B29C65/10 B32B1/00 B32B33/00 B32B37/00 B32B37/02 B67C3/00 C12M1/00 C12M1/14 C12M1/26 C12M1/34 C12M1/36 C12M3/00 C12N15/09 C12P19/00 C12Q1/68 C40B30/10 G01J3/00 G01N15/06 G01N21/00 G01N21/25 G01N21/63 G01N21/64 G01N35/00 G01N37/00 G06F15/16 G06F17/50 H01L27/148 H04N5/217 (Core/Invention); B01L7/00 (Core/Non-invention); B01L C12N G01N G06F (Subclass/Invention)

International (IPC 1-7): B01L3/00 C12M1/34 C12P19/34 C12Q1/68 G01N1/10 G01N21/03 G01N21/25 G01N33/00 G01N33/48 G01N33/50 G01N35/00 G06F17/50 G06F19/00

CPC: G01N35/04 B01L2200/0621 B01L2300/0654 B01L2300/0874 B01L2300/0887 C12Q1/6806 B01L3/50857 B01L7/525 B01L2200/027 G01N21/253 B01L2300/0819 C12Q1/6837 H04L51/28 H04L51/12 C12N15/1072 B01L2300/041 B01L2300/12 H04L67/02 G06F17/50 D03C19/005 D03J1/10 D05C15/26 D06P5/003 D06Q1/00 D21F1/0027 G06F2217/32 G06T11/001 H04N5/225 Y10T436/2575 B01L3/0262 B01L3/5085 B01L2200/026 B01L2200/0647 B01L3/0268 B01L3/5088 B01L2200/12 B01L2200/143 B01L2300/0816 B01L2400/0439 G01N35/1016 G01N2035/1034 Y10T436/10 G01N21/6486 G01N35/0099 G01N35/1002 G01N2035/00287 G01N2035/1039 Y10T156/171 Y10T156/1744 Y10T156/1052 Y10T428/14 Y10T428/1476 G01N2201/121 G01N2201/08 G01N2201/062 G01N2201/06113 H04N5/357 G06F19/20 C40B30/04 B01L2300/087 B01L2300/0809 B01L2400/082 B01L2200/142 B01L2300/021 B01L2300/1883 B01L3/545 B01L2200/14 C12P19/34 G01N1/10 B01L7/00 B01L9/00 B01L99/00 B32B33/00 B29C65/00 B29C65/10 G01N33/48 G01N33/50 G01N2035/042 G06F19/00 C12M1/34 G01N2035/00366 G01N21/6428 H04N5/361 H04N5/367 G01N35/1074 B01L2200/0684 G01N35/028 B01L3/0293 B01L3/5025 B01L3/5027 B01L3/502715 B01L3/502723 B01L3/50851 B01L3/50853 B01L7/52 B01L9/50 B01L9/523 B01L2200/021 B01L2200/025 B01L2200/0605 B01L2200/0642 B01L2300/022 B01L2300/044 B01L2300/046 B01L2300/0829 B01L2300/0851 B01L2300/0864 B01L2300/1805 B01L2400/0406 B01L2400/0409 B01L2400/0487 G01N21/274 G01N21/553 G01N21/6452 G01N2035/00148 G01N2035/00356 G01N2035/0405 G01N2035/0425 G01N2035/1037 B01L3/563 B01L2200/0689 B29C65/02 B32B38/10 B32B2038/047 C12Q1/68 C12Q1/6816 G01N21/648 B01L3/00 C12Q1/686

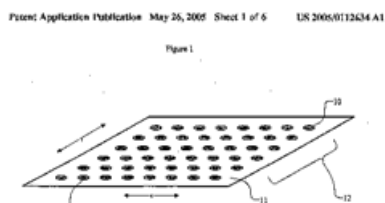
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Family:

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PatBase - US2005112634_AA



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Probable Assignee: APPLIED BIOSYSTEMS LLC

Assignee(s): (std): STUDIOSTAMPA INC ; STAMP ARLENE ; REEVE VINCENT ; LU MIKE ; SANDELL DON ; PATEL JAYNISH ; WOUTENBERG TIMOTHY ; OLDDHAM MARK ; LIM GARY ; LIVAK KENNETH ; LIU TIMOTHY ; REED MARK T

; SHANNON MARK ; OLDHAM MARK F ; RUFF DAVID ; LU MIKE Y ; SANDELL DONALD ; MACK JEROME A ; NGUYEN HOANG ; REEVE VINCENT M ; YAN TONY S ; WOUDENBERG TIM ; OSTADAN OMEAD ; PRATT MARK R ; STEVENS JUNKO F ; TOMANEY AUSTIN B ; YOUNG GREG ; TOMANEY AUSTIN ; STEVENS JUNCO F ; ULDHAM MARK ; WOUDENBERG TIMOTHY M ; LIVAK KENNETH J ; SHANNON MARK E ; RUFF DAVID W ; BLASENHEIM BARRY ; LI ROBIN ; CARRILLO ALBERT ; HARDING IAN ; KAO H PIN ; ERMAKOV SERGEY ; FAWCETT ADRIAN ; JONES BOB ; JONES ROBERT C ; CARRILLO ALBERT L ; HARDING IAN A ; LEHTO DENNIS A ; FOCARACCI JULIO P ; GUERRA ROBERT ; KAO H P ; HAYASHIBARA KATHLEEN C ; KARGER ACHIM ; LAIRD HYLAND FIONA C ; GUNSTREAM STEPHEN J ; KINNEY PATRICK D ; K LAU ALDRICH N ; AMIN YUSUF ; ANGELICA STEVE ; APLERA CORP ; APPLERA CORP ; APPLIED BIOSYSTEM LLC ; APPLIED BIOSYSTEMS ; BODNER KEVIN ; BODEAU JOHN ; BAHATT DAR ; BLASENHEIM BARRY J ; BODEAU JOHN P ; BEARD NIGEL P ; APPLIED BIOSYSTEMS LLC ; LIFE TECHNOLOGIES CORP

Assignee(s): LIFE TECHNOLOGIES CARLSBAD CORP ; BANK OF AMERICA NA AS COLLATERAL AGENT ; BANK OF AMERICA NA COLLATERAL AGENT AS ; APPLIED BIOSYSTEMS INC ; KAO H ; LIFE TECHNOLOGIES CORP CARLSBAD

Inventor(s): (std): BLASENHEIM BARRY ; BLASENHEIM BARRY J ; BODEAU JOHN ; BODNER KEVIN ; CAMILLO ALBERT L ; CARRILLO ALBERT ; ERMAKOV SERGEY ; ERMAKOV SERGEY V ; FAWCETT ADRIAN ; FOCARACCI JULIO P ; GUERRA ROBERT ; GUNSTREAM STEPHEN J ; HARDING IAN ; AMIN YUSUF ; BAHATT DAR ; HAYASHIBARA KATHLEEN C ; JONES JONES C ; K LAU ALDRICH N ; KAO H P ; KAO H PIN ; KARGER ACHIM ; KINNEY PATRICK D ; LEHTO DENNIS A ; LI ROBIN ; LIM GARY ; LU MIKE ; MACK JEROME A ; NGUYEN HOANG ; OLDHAM MARK ; LAIRD HYLAND FIONA C ; OSTADAN OMEAD ; PATEL JAYNISH ; REEVE VINCENT ; REEVE VINCENT M ; RUFF DAVID ; RUFF DAVID W ; SANDELL DON ; SANDELL DONALD ; SANDELL DONALD R ; SHANNON MARK ; SHANNON MARK E ; STEVENS JUNCO F ; YAN TONY S ; YOUNG GREG ; REED MARK T ; OLDHAM MARK F ; LU MIKE Y ; HARDING IAN A ; CARRILLO ALBERT L ; BEARD NIGEL P ; ANGELICA STEVE ; WOUDENBERG TIMOTHY M ; STAMP ARLENE ; LIVAK KENNETH J ; STEVENS JUNKO F ; TOMANEY AUSTIN ; TOMANEY AUSTIN B ; WOUDENBERG TIMOTHY ; PRATT MARK R ; JONES ROBERT C ; WOUDENBERG TIM ; LIVAK KENNETH ; LIU TIMOTHY ; JONES BOB ; BODEAU JOHN P

Inventor(s): TOMANEY AUSTIN SAN FRANCISCO ; OLDHAM MARK LOS GATOS ; GUNSTREAM STEPHEN ; REED MARK ; YAN TONY ; KINNEY PATRICK ; KAO H ; K LAU ALDRICH ; STEVENS JUNKO ; PRATT MARK ; LEHTO DENNIS ; OLDHAM MARK F LOS GATOS ; LU MIKE Y SAN JOSE ; MACK JEROME ; LAIRD HYLAND FIONA ; JONES ROBERT ; BEARD NIGEL ; HARDING IAN A SAN MATEO ; HAYASHIBARA KATHLEEN ; FAWCETT ADRIAN PLEASANTON ; FOCARACCI JULIO ; CARRILLO ALBERT L REDWOOD CITY

Agent(s): WEBER BIRGIT DIPL BIOL DR RER NAT; WOEHLEH CHRISTIAN; CRAMPORN CONRAD ET AL; HARNESS DICKEY AND PIERCE PLC; STEVE ANGELICA; MILA KASAN PATENT DEPT APPLIED BIOSYSTEMS; KILYK AND BOWERSOX PLLC; INVITROGEN C O INTELLEVATE CORP; LIFE TECHNOLOGIES C O INTELLEVATE CORP; JEFFREY L

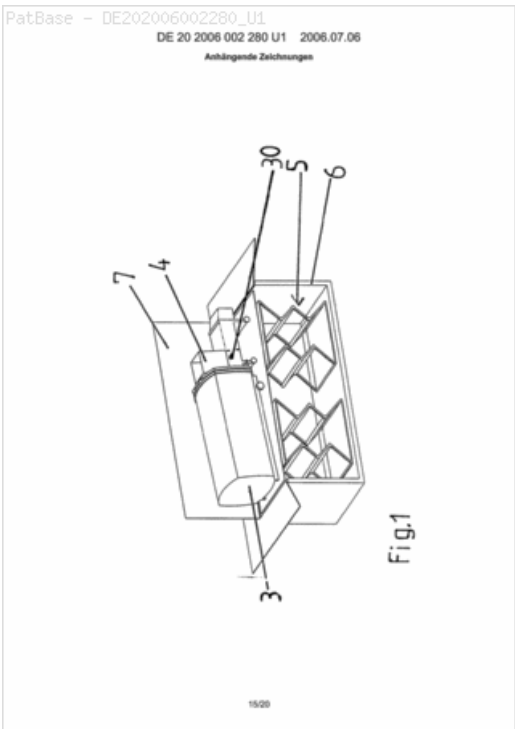
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Title: RECYCLABLE MATERIAL COLLECTING SYSTEM HAS RECEIVING UNIT CONNECTED TO IDENTIFICATION AND SORTING UNIT WHICH IS CONNECTED TO PRESS OF COMPRESSION UNIT VIA DISTRIBUTION UNIT

Abstract: The recyclable material collecting system has a receiving unit connected to an identification and sorting unit which is connected to the press of a compression unit via a distribution unit. The receiving unit with the identification and sorting unit is for the taking of delivery, identifying and sorting, and forwarding of the material into the filling chamber (30) of the press. The receiving unit has a depositing box which to receive the material has an opening controlled by a shut-off device, preferably with a safety sensor.

Classifications:

International (IPC 8-9): B65F1/14 B65F5/00 (Advanced/Invention); B65F1/14 B65F5/00 (Core/Invention)
CPC: B30B9/3007 B30B9/301 B65F1/10 B65F1/1447 B65F7/00 B65F2210/128 B65F2210/144 B65F2210/152 B65F2210/162 B65F2210/164 B65F2210/169 B65F2210/176 B65F2210/184 G07F7/06
European: B30B9/30C2 B30B9/30C3 B65F1/10 B65F1/14D6 B65F7/00 G07F7/06 L65F210/128 L65F210/144 L65F210/152 L65F210/162 L65F210/164 L65F210/169 L65F210/176 L65F210/184



Family:

Publication number	Publication date	Application number	Application date
DE202006002280 U1	20060601	DE200620002280U	20060214

Priority:

DE200620002280U 20060214

Probable Assignee: RMS ROTHERM MASCHB GMBH
Assignee(s): (std): RMS ROTHERM MASCHB GMBH
Assignee(s): RMS ROTHERM MASCHINENBAU GMBH

Title: GENIUS ADAPTIVE DESIGN

Abstract: Explore interesting inventions inside, conceived by our genius idea generator. Discover history's most effective method in conceiving novel uses for existing electronic technology. License huge domains of intellectual property from the invention directory our system helped develop. The searcher can find one of our interesting inventions in this patent application via our LicenseItToday.com, etc. Call our California Headquarters 1-707-428-5000. View invention ideas, plus 100+ variations adapted for end user target markets. LicenseItToday.com fills out exclusive international license agreements valid up to December 2026. It saves time and money creative LP. over any other documented creative thinking process. Licensees seek outputted patents using our or their pat attorneys. Royalties can start when profits begin. Or you can buy the affordable I.P. rights. Proof is in trying it out. Discover amazing inventions inside today.

Classifications:

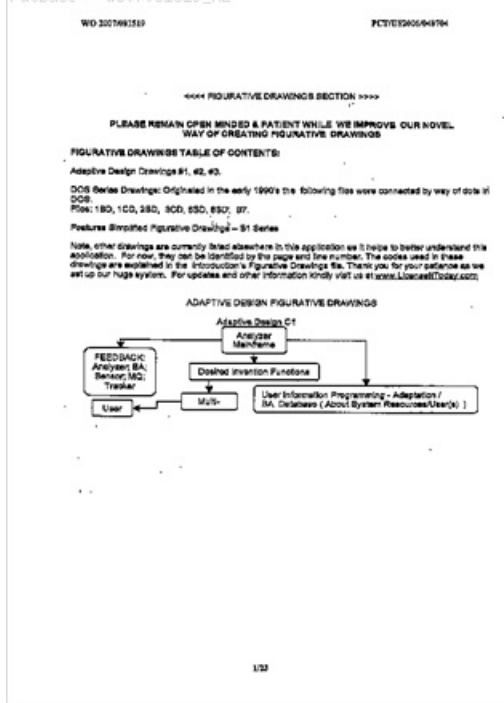
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International (IPC 1-7): G06Q30/00

CPC: G06Q10/10 G06F17/30 G06Q30/0601

European: G06Q10/10

PatBase - WO07081519_A2



Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: INNOVATION INST LLC

Assignee(s): (std): CABINALLA LINDA ; INNOVATION INST LLC ; KAYS STEVEN ; WORLD CHARITY DIVISION LICENSE ; STEVEN KAYS

Assignee(s): WORLD CHARITY DIVISION LICENSELTTODAY COM LLC ; INNOVATION INSTITUTE LLC

Inventor(s): (std): CABINALLA LINDA ; KAYS STEVEN

Inventor(s): STEVEN KAYS

Agent(s): SHELSTON IP; KAYS STEVEN; INNOVATION INSTITUTEION LLC; BORDEN LADNER GERVAIS LLP; MAURICIO JARAMILLO CAMPUZANO; BEETZ AND PARTNER

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

Title: APPARATUS AND METHOD FOR USING TETRAZINE-BASED ENERGETIC MATERIAL

Abstract: Source: US2009301601A The present invention comprises apparatus and methods employing a gas produced from a tetrazine-based energetic material such as that known as "BTATz" containing 3;6-BtS(1H-1,2,3,4-Tetrazol-5-ylamino)1-,2,4,5-tetrazine 3;6-BtS(1H-1,2,3,4-Tetrazol-5-ylamino)1-,2,4,5-tetrazine or salts thereof. The tetrazinebased energetic material is ignited through the use of a percussion cap, a piezoelectric crystal or a battery-supplied electric spark or by encapsulating it in a container that is then exposed to a burning flame. The gas produced upon ignition is employed a propellant such as to inflate life rafts, life vests, emergency evacuation slides, tires, air bags and other inflatable devices. The gas produced upon ignition is alternatively employed to power an engine and many other applications such as a fire suppressant.

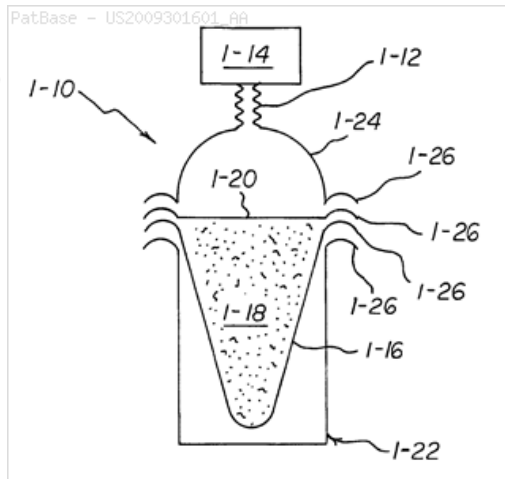
Classifications:

International (IPC 8-9): A62C13/22 A62C13/62 A62C19/00 A62C39/00 A62C99/00 A62D1/00 A62D1/06 B01J7/00 B60R21/26 B60R21/264 B63C9/08 B65B31/00 C06B45/00 C06B45/10 C06D5/00 C06D5/04 F02B45/00 (Advanced/Invention); A62C13/00 A62C19/00 A62C99/00 A62D1/00 B01J7/00 B60R21/26 B63C9/00 B65B31/00 C06B45/00 C06D5/00 F02B45/00 (Core/Invention)

CPC: Y02P20/129 C06D5/06 C06B43/00 C06D5/04 Y02T10/16

European: C06B43/00 C06D5/04 C06D5/06

US: 102/530 102/530S 123/24.00RS 123/24R 141/38 141/38P 169/12 169/12S 280/741 280/741S



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: HALKEY ROBERTS CORP

Assignee(s): (std): BATTAT DAVID ; BATTAT EMILE ; ENERSON JON R ; HALKEY ROBERTS CORP ; LUCIUS JOHN D ; MACKAL GLENN ; LUCIUS JOHN H

Inventor(s): (std): BATTAT DAVID ; BATTAT EMILE ; ENERSON JON R ; LUCIUS JOHN D ; LUCIUS JOHN H ; MACKAL GLENN

Inventor(s): GLENN MACKAL ; JOHN D LUCIUS ; JON R ENERSON ; DAVID BATTAT ; EMILE BATTAT

Agent(s): A J PARK; AJ PARK; OGILVY RENAULT LLP SENCRL SRL; SCHMID WOLFGANG ET AL; GRAY ROBINSON ATTN STEFAN V STEIN IP DEPT; STEIN STEFAN V ET AL

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

Title: NITROGEN TIRE INFLATION SYSTEM AND METHOD

Abstract: Source: US2009025821A The present disclosure provides a nitrogen tire inflation and deflation system and associated usage methods. In one exemplary embodiment, the system includes a dispenser and a nitrogen storage device along with an associated usage method. In another exemplary embodiment of the present disclosure, a decommissioned pay phone is converted into an air or nitrogen dispenser. The conversion utilizes the form-factor and payment component of the pay phone with the additional of parts to regulate air flow. Advantageously, this provides an environmental solution to waste disposal of decommissioned pay phones. The air/nitrogen dispenser of the present disclosure can be placed at gasoline stations, convenience stores, car washes, and the like.

Classifications:

International (IPC 8-9): B65B31/00 B65B31/04 G07F15/00

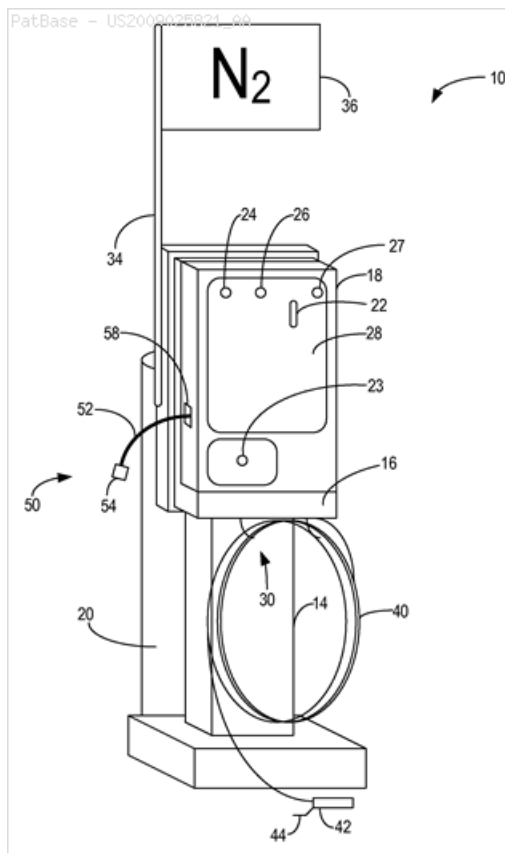
G07F7/04 (Advanced/Invention);

B65B31/04 G07F15/00 G07F7/00 (Core/Invention)

CPC: G07F13/02 G06Q20/10

European: G06Q20/10 G07F13/02

US: 141/2 141/38 141/38P 141/61 141/65 141/65S 141/8 141/95
141/95S 141/98 141/98S 235/375 235/375S 705/39 705/39S

**Family:**

Publication number	Publication date	Application number	Application date
US2009025821 AA	20090129	US20080179376	20080724
US8091590 BB	20120110	US20080179376	20080724

Priority:

US20070952160P 20070726 US20080179376 20080724

Probable Assignee: GRAHAM SAMUEL S

Assignee(s): (std): GRAHAM SAMUEL S

Inventor(s): (std): GRAHAM SAMUEL S

Agent(s): CLEMENTS BERNARD MILLER; CLEMENTS BERNARD PLLC; LAWRENCE A; CHRISTOPHER L

Title: FUEL DISPENSER

Abstract: Source: US2009048706A A fuel dispenser comprising a housing, a fuel dispensing apparatus mounted within the housing, control electronics operatively connected to the fuel dispensing apparatus, at least one display mounted in the housing and operatively coupled to the control electronics, and a nozzle operatively coupled to the fuel dispensing apparatus and the fuel dispensing apparatus control electronics, the nozzle configured to produce electromagnetic signals. The dispenser is configured to trigger an alarm when the nozzle is brought into close proximity to the at least one display to prevent the user from using the nozzle to make data entries.

Classifications:

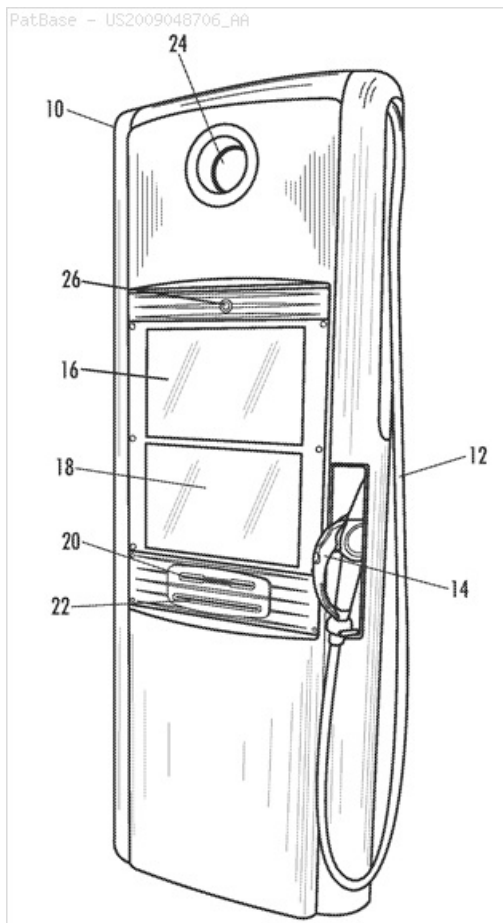
International (IPC 8-9): B67D5/06 B67D5/08 B67D5/10 B67D5/22 B67D5/30 B67D5/64 B67D7/00 B67D7/04 B67D7/06 B67D7/08 B67D7/10 B67D7/12 B67D7/22 B67D7/30 B67D7/42 B67D7/84 B67D99/00 G06F17/00 G06F3/00 G06F3/041 G06Q20/00 G06Q20/08 G06Q30/00 G06Q30/06 G08B13/14 G08B21/00 G09G5/00 H04B H04N7/18 (Advanced/Invention); B67D7/06 B67D7/08 B67D7/22 B67D7/84 G06F17/00 G06F3/00 G06F3/041 G06Q20/00 G06Q30/00 G08B13/14 H04N7/18 (Core/Invention)

International (IPC 1-7): B67D5/06

CPC: B67D7/14 B67D7/08 B67D7/145 B67D7/346 B67D7/348 G06Q20/10 G06Q20/20 G06Q30/0601 G06Q50/06 G07F7/1041 G07F9/026 G07F13/025 G07G3/00

European: B67D7/08 B67D7/14 B67D7/14B B67D7/34C2 B67D7/34C4 G06Q20/10 G06Q20/20 G06Q30/0601 G06Q50/06 G07F13/02B G07F7/10P2B G07F9/02D G07G3/00

US: 222/23 222/23S 222/52 222/52S 222/74 340/540 340/572.1 340/572.100S 345/168 345/168S 345/173 345/173S 345/672 345/672S 348/135 348/135S 700/231 700/231P 700/232 700/232P 700/232S 700/237 700/237P 705/16 705/16S 705/26.1 705/26.100P 705/27 705/27P 705/39 705/39S 705/413 705/413P



Family:

Publication number	Publication date	Application number	Application date
AU2008286848 AA	20090219	AU20080286848	20080814
CN101827780 A	20100908	CN200880111817	20080814
CN102976258 A	20130320	CN201210469147	20080814
CN104261339 A	20150107	CN201410363632	20080814
EP2195275 A1	20100616	EP20080797901	20080814
EP2195275 A4	20130116	EP20080797901	20080814
IL203961 A0	20101031	IL20080203961	20080814
RU2010109385 A	20110920	RU20100109385	20080814
US2009048706 AA	20090219	US20080190820	20080813
US2009048707 AA	20090219	US20080191047	20080813
US2009048708 AA	20090219	US20080190773	20080813
US2009048709 AA	20090219	US20080190850	20080813
US2009048710 AA	20090219	US20080191081	20080813
US2009048711 AA	20090219	US20080190896	20080813
US2009048945 AA	20090219	US20080191066	20080813
US2012078741 AA	20120329	US20110291182	20111108
US7948376 BB	20110524	US20080190820	20080813
US8284053 BB	20121009	US20110291182	20111108
WO09023782 A1	20090219	WO2008US73186	20080814
WO09023782 A8	20090507	WO2008US73186	20080814

Priority:

CN200880111817 20080814	US20070956072P 20070815	US20080190820 20080813
US20080190773 20080813	US20080190850 20080813	US20080190896 20080813
US20080191047 20080813	US20080191081 20080813	US20080191066 20080813
WO2008US73186 20080814	US20110291182 20111108	

Probable Assignee: GILBARCO INC

Assignee(s): (std): DELINE JONATHAN E ; GILBARCO INC

Inventor(s): (std): DELINE JONATHAN ; DELINE JONATHAN E

Inventor(s): JONATHAN E DELINE

Agent(s): FB RICE; GRAY JAMES; NELSON MULLINS RILEY AND SCARBOROUGH LLP; GLOBERMAN KYLE M

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU
CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL
IN IS IT JP KE KG KM KN KP KR KZ LA LC 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 ST SV
SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: CONTINUOUS ROLL WIPE MATERIAL DISPENSER

Abstract: Source: US2010274384A A continuous roll wipe material dispenser includes an upper module containing elements for mounting a rotatable roll of clean wipe material within the upper module and a lower module containing elements for receiving used wipe material within the lower module. The upper module is vertically spaced from the lower module thereby exposing between the modules a length of wipe material extending from the clean wipe material roll. The dispenser has a sensor element for detecting a user's hand approaching the exposed wipe material. A first driving element operates in response to the sensor element for dispensing a predetermined length of clean wipe material from the upper module. A second driving element operates in response to the dispensing of wipe material, in order to take up a predetermined length of used wipe material from between the modules each time a length of clean wipe material has been dispensed.

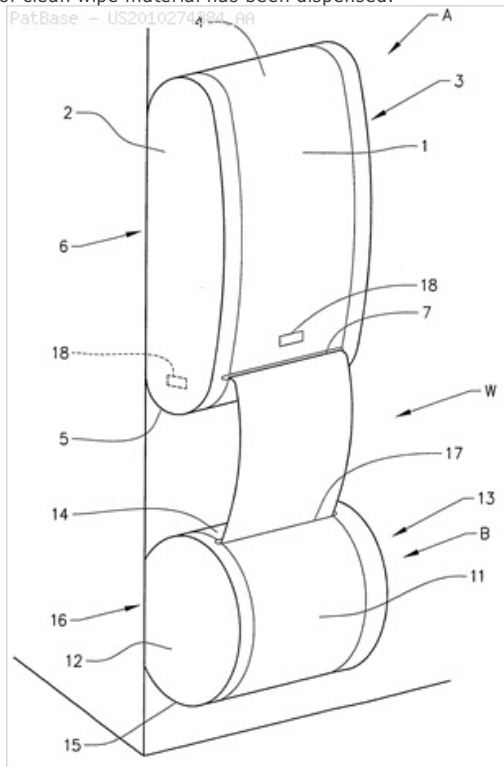
Classifications:

International (IPC 8-9): A47K10/28 G06F17/00 (Advanced/Invention); A47K10/24 (Core/Invention)

CPC: A47K10/28

European: A47K10/28

US: 312/34.11 312/34.110S 312/34.12 312/34.120S 312/34.9 312/34.900S 700/240 700/240P



Family:

Publication number	Publication date	Application number	Application date
AU2007362883 AA	20090702	AU20070362883	20071221
CN101896106 A	20101124	CN200780101935	20071221
CN101896106 B	20121003	CN200780101935	20071221
CO6280606 A2	20110520	CO20100074489	20100621
EP2229086 A1	20100922	EP20070861097	20071221
EP2229086 A4	20141008	EP20070861097	20071221
MX2010006137 A1	20100715	MX20100006137	20071221
US2010274384 AA	20101028	US20070809628	20071221
WO09082293 A1	20090702	WO2007SE01168	20071221

Priority:

CO20100074489 20100621 WO2007SE01168 20071221

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): NORDLUND CELILIA ; PETTESSON KAROLINE ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): NORDLUND CELILIA ; PETTESSON KAROLINE ; PETTERSSON KAROLINE ; PETTERSON KAROLINE ; NORDLUND CELILIA ; NORDLUND CELILIA ; KAROLINE PETTESSON ; CELILIA NORDLUND

Inventor(s): CELILIA NORLUND ; CELILIA NORDLUND ; KAROLINE PETTERSSON ; KAROLINE PETTERSON

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; LUZ CLEMENCIA DE PAEZ; EKWALL PETER; YOUNG AND THOMPSON; ALBIHNS AB

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 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 ZA ZM ZW

Title: METHOD OF DETERMINING RESOURCE USAGE INFORMATION FOR A FACILITY, DATA COLLECTION DEVICE, DATA COLLECTION SYSTEM AND DATA COLLECTION METHOD

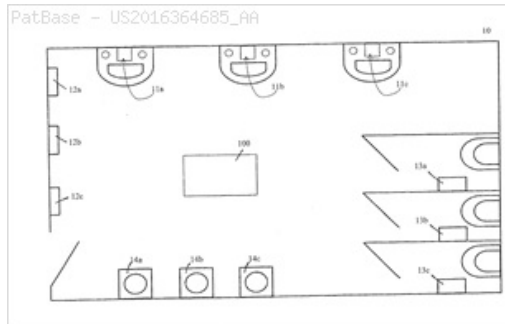
Abstract: Source: US2016364685A The disclosure relates to a method of determining resource usage information for a facility such as an office, conference suite or bathroom; a data collection device for determining resource usage information for the facility; a data collection system; and a method for determining resource usage information for the facility. In the disclosure, resource usage data relating to a location in the facility is received via a first communications channel. A criterion associated with a predetermined usage event is applied to the resource usage data to identify usage data associated with a predetermined usage event. On the basis of the identification, data indicating the occurrence of the predetermined usage event is transmitted via a second communications channel. Thereby, the amount of data needed to be transmitted via the second communications channel may be reduced.

Classifications:

International (IPC 8-9): A47K10/32 A47K10/36 G06Q10/00

G06Q10/06 G06Q10/08 G07F9/02 (Advanced/Invention)

CPC: G06Q10/30 Y02W90/20 G06Q10/087 G06Q10/0631 G06Q10/20



Family:

Publication number	Publication date	Application number	Application date
AU2013407432 A1	20150618	AU20130407432	20131211
AU2013407432 AA	20150618	AU20130407432	20131211
CN105960653 A	20160921	CN201380082027	20131211
EP3080759 A1	20161019	EP20130802977	20131211
US2016364685 AA	20161215	US20130102301	20131211
WO15086055 A1	20150618	WO2013EP76201	20131211

Priority:

WO2013EP76201 20131211

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): LAERFARS ERIK ; LARFARS ERIK ; WASS ANDREAS

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; HOFFMANN EITL; SCHEIBLE DOMINIK 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

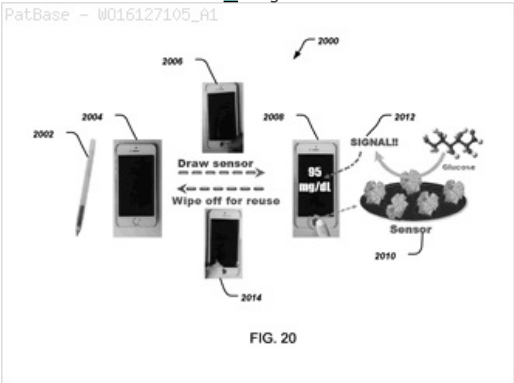
Title: MULTIPLE-USE RENEWABLE ELECTROCHEMICAL SENSORS BASED ON DIRECT DRAWING OF ENZYMATIC INKS

Abstract: Methods, systems, and devices are disclosed for providing a portable enzymatic-ink dispensing system. The system includes an enzymatic-ink including one or more biocompatible binders, one or more biocompatible mediators, an enzyme, an enzyme stabilizer, and a conductive material. The system includes a dispenser including a chamber to hold the enzymatic-ink and an applicator to apply the enzymatic ink dispensed from the chamber onto a target substrate.

Classifications:

International (IPC 8-9): A61B34/10 A61B5/02 G01N27/30 G01N33/50 (Advanced/Invention)

CPC: A61B5/02 G01N27/30 C12Q1/001 C12Q1/006



Family:

Publication number	Publication date	Application number	Application date
WO16127105 A1	20160811	WO2016US16854	20160205

Priority:

US20150112587P 20150205

Probable Assignee: UNIV CALIFORNIA

Assignee(s): (std): UNIV CALIFORNIA

Assignee(s): THE UNIV OF CALIFORNIA

Inventor(s): (std): BANDODKAR AMAY JAIRAJ ; WANG JOSEPH

Agent(s): SATHE VINAY

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