Search history

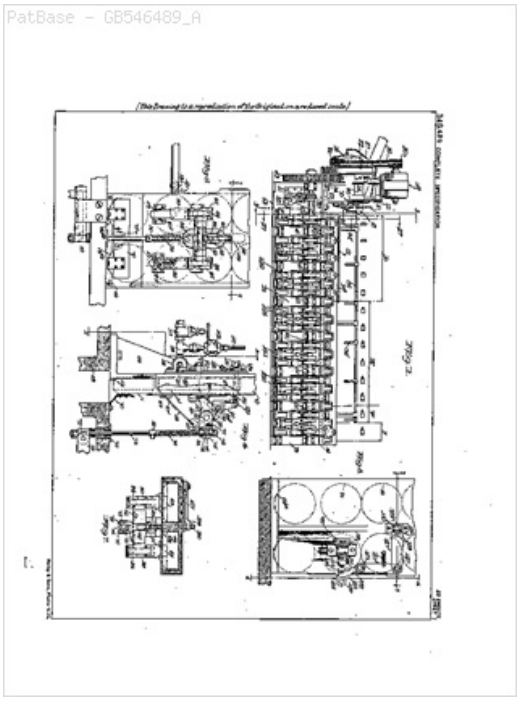
Search 1: needle or syringe (Results 379017)
Search 2: destroy* or destruct* (Results 197737)
Search 3: 1 and 2 (Results 4343)
Search 4: pneumatic or neumatic (Results 366744)
Search 5: 3 and 4 (Results 50)
Search 6: apparatus or device (Results 1000000)
Search 7: 5 and 6 (Results 44)
Search 8: automatic (Results 1000000)
Search 9: 7 and 8 (Results 15)

1) Family number: 20963008 (GB546489A)

Title: Improvements in or relating to the manufacture of seamless containers

Abstract: Source: GB546489A [Class 117] [Also in Groups XXII, XXIV, XXV and XXXIV] Partly cupped blanks 66 roll down an inclined shoot B<SP>1</SP>, Fig. 10, opening into the side of a magazine B having a partition 68 so that two stacks of blanks accumulate. A rock shaft 82, Fig. 4, is actuated through a rod 73 and lever 59 from a cam 58, and operates fingers 85, 87 acting through guides 87 to form an escapement delivering blanks in pairs to be located by recesses 69a, Fig. 6, and a gate 70 in position to be advanced through the machine step by step by a reciprocating conveyor bar. If the lubricating device for the work is out of action a dog 90, Fig. 4, engages a shoulder 89 and prevents delivery of blanks, the spring 79 yielding when the lever 77 is thus locked. The blanks are sprayed whilst in the magazine B or alternatively or additionally at 110 on the line 2-2, Fig. 10, and by arms projecting from a pipe 116 over the drawing stations. The pipe is carried by arms 117 pivoted at 118, Fig. 27, and when the arms are raised to carry the pipe out of operative position a roller 120 on the end of it leaves a cam surface 121, Fig. 6, and permits a spring to move a lever, carrying the cam, to shut off the oil supply. At the same time cams 128, Fig. 4, are moved from rollers 130 permitting a spring 131 to rock the lever 90 and stop the blank feed mechanism. Lubricating at 110 is preferably employed in conjunction with a modified blank locating mechanism employing pins and a swinging gate. In this case the rock shaft 82 is operated by a lever mounted between friction washers to permit yield when the escapement is locked and the supply of oil to the Ushaped spray pipe is controlled by a springclosed valve opened by a tappet on the lever. Oil collects in a sump 13, Fig. 27, and is strained at 802 and recirculated by a pump 801 geared to the rear cam shaft. The blanks are received by fingers 190, Fig. 14, on the bar 134 sliding in guides in members 140, Fig. 10, carried by bell cranks 141 pivoted to the bed. The bell cranks are coupled by a rod 144 adjustably spring loaded at one end to balance the bar 134 together with the blanks and associated parts. The rod is connected at the other end, to impart a rise and fall motion to the bar, by a link 151, to a compound lever 106, 106<SP>1</SP>, Fig. 14, pivoted at 152 and carrying rollers 107, 107' engaging separate cams to ensure positive movement in each direction. The lever arms are relatively adjustable at 156. The bar 134 is linked, for the horizontal transfer movement, at 160 to a slotted lever 163 swinging about a locked shaft 164 ; the slot receiving a roller 57 on a crank pin 56 on a transverse cam shaft 52, Fig. 3, geared at 51 to the rear cam shaft. The slot in the lever has arcuate parts 166, 167, Fig. 14, to give dwells at the ends of the movements during which' the rise and fall movements occur. In order that the mechanism may be positive in action, the arcuate portions are covered alternately by auxiliary members 168, 169 carried by levers pivoted at 170, 171, and linked at 172 to a member 174 keyed to the locked shaft 164. The position of the levers 170 is adjustable at 188. Two opposed pairs of fingers 190, Figs. 17 and 18, are provided for each blank holding station and the fingers have cam ends 199 to permit separation when engaged by the die parts of the machine. For this purpose the fingers are pivoted at 191 and are normally held with their ends 193 against stops 194 by springs 197. The blanks rest upon an opposed pair of fixed projections 202<SP>1</SP> and on a movable projection 200<SP>1</SP> carried by a finger pivoted at 201 and held against a stop 203 by a spring 203<SP>1</SP> when not cammed down by the tools at 205. These fingers are particularly designed for use at cupping stations and modified fingers are designed for use at other operative stations. In the case of a machine when the blanks are treated singly instead of in pairs a further modified form of fingers is described co-operating with supports additional support immediately prior to the projecting from the fixed die members to provide engagement of - the blanks by the moving dies or punches and also at the time of disengagement. Specification 510,370, [Group XXII], is referred to.

Classifications:
International (IPC 8-9): B21D24/00 (Advanced/Invention);
B21D24/00 (Core/Invention)
International (IPC 1-7): B21D51/16
CPC: B21D24/005
European: B21D24/00C



Family:

Publication number	Publication date	Application number	Application date
GB546489 A	19420716	GB19400010723	19400621

Probable Assignee: CROWN CORK AND SEAL CO

Assignee(s): (std)**:** CROWN CORK AND SEAL CO

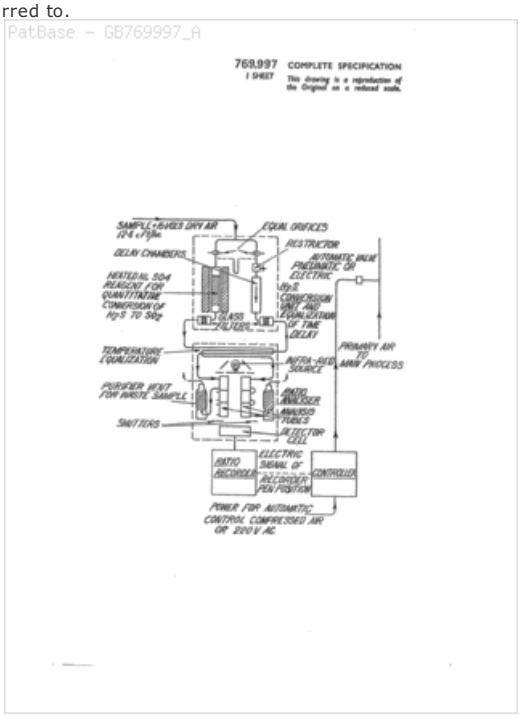
Assignee(s): CROWN CORK AND SEAL CO INC ; CROWN CORK AND SEAL COMPANY INC

2) Family number: 19740035 (GB769997A)

Title: Improvements in or relating to the analysis of gases containing hydrogen sulphide and sulphur dioxide

Abstract: Source: GB769997A The quantity of hydrogen sulphide in a hydrogen sulphide/sulphur dioxide gas mixture is determined continuously by comparing the absorption of infra-red or ultra-violet radiation by the sulphur dioxide in the gas at the start and in the gas after the hydrogen sulphide in it has been catalytically oxidized to sulphur dioxide. This may be done by splitting the gas stream and comparing an oxidized half with an unchanged half and by delaying the unchanged gas stream so that the gases at the analyser are of equal age relative to sampling. By using analysing cells of different lengths the apparatus can be adjusted so as to give a null balance when the ratio of the gases in inverse ratio to the lengths of the cells. Dry air of oxygen may be added to remove excess water vapour in the analyser or the water vapour may be condensed out. Specifications 722,038, 769,995 and 769,996 are referred to.

Classifications:
International (IPC 8-9): G01N21/35 G01N33/00 (Advanced/Invention); G01N21/31 G01N33/00 (Core/Invention)
International (IPC 1-7): G01N21/33
CPC: G01N21/3504 G01N33/0013 G01N33/0042
European: G01N21/35B G01N33/00D2A1 G01N33/00D2D4D



Family:

Publication number	Publication date	Application number	Application date
GB769997 A	19570313	GB19540014097	19540513

Priority:

GB19540014097 19540513

Probable Assignee: GAS COUNCIL

Assignee(s): (std)**:** GAS COUNCIL

Assignee(s): THE GAS COUNCIL

Inventor(s): (std)**:** DENSHAM ALEC BRAMLEY ; MARSH JOHN DAVID FRANCIS ; NEWLING WILLIAM BARRY SAVILE

3) Family number: 157712 (US3427304A)

Title: PROCESS FOR PREPARING 5-PHENYL-3H-1,4-BENZODIAZEPIN-2(1H)-ONES

Abstract: Source: US3427304A ABSTRACT OF THE DISCLOSURE 5 - phenyl - 3H - l,4-benzodiazepin-2(lH)-ones and 4-oxides thereof are prepared by a variety of routes. These end-products are useful as sedatives, muscle relaxants and anticonvulsants and also as intermediates for the preparation of other 1,4-benzodiazepines. BRIEF SUMMARY OF THE INVENTION A 2-(N-methylacetamido)- or 2-(N-methylamino)-5-phenyl-3H-l,4-benzodiazepine or 4-oxide thereof is treated with a hydrohalic acid to produce a 5 - phenyl - 3H-1,4-benzodiazepin-2(lH)-one or 4-oxide thereof. CROSS REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part of Ser. No. 858,564, filed Dec. 10, 1959, and now abandoned; Ser. No. 858,597, filed Dec. 10, 1959, and now U.S. Patent 3,051,701, issued Aug. 28, 1962, and Ser. No. 75,690, filed Dec. 14, 1960, and now abandoned. It is a division of each of applications Ser. No. 149,527, filed Nov. 2, 1961, and now U.S. Patent 3,136,815, issued June 9, 1964; Ser. No. 154,921, filed Nov. 20, 1961, and now U. S. Patent 3,371,085; Ser. No. 154,926, filed Nov. 20, 1961, and now U.S. Patent 3,270,053, issued Aug. 30, 1966, and Ser. No. 154,927, filed Nov. 20, 1961, and now U.S. Patent 3,239,-564, issued Mar. 8, 1966. Other divisions of these applications are Ser. No. 326,336, filed Nov. 27, 1963, and now U.S. Patent 3,311,612; Ser. No. 326,337, filed Nov. 27, 1963, and now U.S. Patent 3,344,183, and Ser. No. 502,510, filed Oct. 22, 1965, and now pending. DETAILED DESCRIPTION OF THE INVENTION

Classifications:

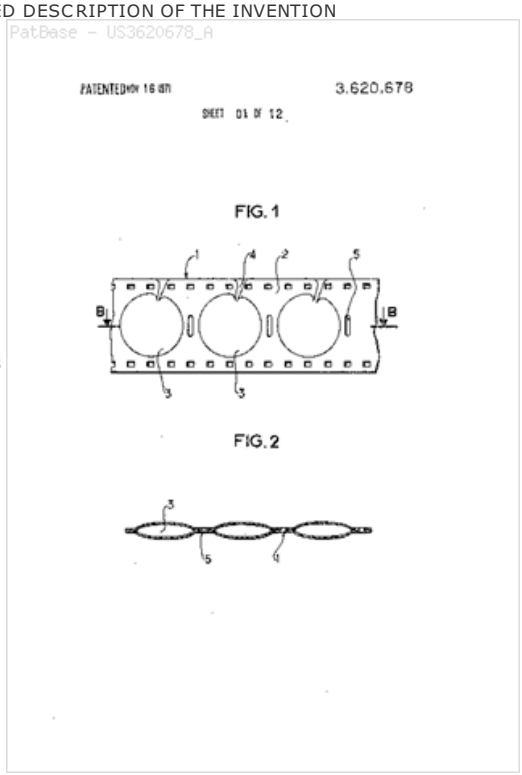
International (IPC 8-9): A61K31/55 B01L11/00 B01L3/00 B01L99/00 C07C237/00 C07C49/16 C07D239/74 C07D243/20 C07D243/24 G01N1/18 G01N33/48 G01N33/483 G01N35/00 G01N35/04 G01N35/10 (Advanced/Invention);
G01N21/03 G01N35/10 (Advanced/Non-invention);
B01L11/00 B01L3/00 G01N1/18 G01N33/48 G01N33/483 G01N35/00 G01N35/04 G01N35/10 (Core/Invention);
G01N21/03 G01N35/10 (Core/Non-invention)

International (IPC 1-7): A61B5/14 A61K27/00 A61M5/16 B01L3/02 B65G15/32 B67D5/54 C07D53/06 G01D21/00 G01F11/00 G01F13/00 G01N1/00 G01N1/10 G01N15/04 G01N21/00 G01N21/03 G01N31/00 G01N31/16 G01N33/16 G01N35/00 G01N35/02 G01N35/04 G01N35/06

CPC: B01L3/505 B01L3/545 G01N35/00009 A61K31/55 C07C49/16 C07C237/00 C07D239/74 C07D243/20 C07D243/24 C07D243/26 G01N21/0303 B01L2300/02 Y10T74/18832 G01N35/1016 B01L3/0293 G01N1/18 G01N35/10 G01N35/1079 G01N2035/1025 Y10T137/2516 Y10T137/3127 Y10T137/7306 Y10T137/7313 Y10T137/86236

European: 124BG6B3C5 124HB45B21D2B21 124HB45B4B21D2B1 A61K31/55 B01L3/00C4 B01L3/00E2 B01L3/02H2 B01L3/505 B01L3/545 B01L99/00G2 C07C237/00 C07C49/16 C07D239/74 C07D243/20 C07D243/24 C07D243/26 G01N1/18 G01N35/00B G01N35/10 G01N35/10C3 L01L3/505 L01L300/02 S01N21/03A S01N35/10 S01N35/10C3 S01N35/10C5 S01N35/10P

US: 137/209 137/392 137/395 137/577 137/99 222/21 222/400.7 23/253R 232/53R 250/577 260/239.3 4/507 422/66 422/944 422/945 540/504 73/64.56 73/864.24 73/864.91 74/89.2



Family:

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DE1648865 A1	19700813	DE19671648865	19670908
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DE1648865 C3	19740704	DE19671648865	19670908
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FR1568072 A	19690523	FR19680137316	19680124
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SU390738 D	19730711	SU19671182207	19670908
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US3596673 A	19710803	US19690793498	19690123
US3620678 A	19711116	US19670666302	19670908

Priority:

CH19600013489 19601202 CH19600013490 19601202 CH19600013491 19601202
CH19600013492 19601202 CH19600013493 19601202 CH19600013494 19601202
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FR19688137316 19680124 US19670625638 19670324 US19600002605 19600115
US19600024686 19600426 US19600038732 19600627 US19590858564 19591210
FR19680137316 19680124 FR19670118319 19670818 FR19670113080 19670704
FR19670100324 19670324

Probable Assignee: HOFFMANN LA ROCHE

Assignee(s): (std): AUTOMATISME CIE GLE ; HOFFMANN LA ROCHE ; GUIGAN JEAN ; ROBERT LAUCOURNET

Assignee(s): F HOFFMANN LA ROCHE AND CO BASEL SCHWEIZ AG ; F HOFFMANN LA ROCHE AND CO AG ; F HOFFMANN LA ROCHE AND CO AG BASEL SCHWEIZ ; GENERALE DAUTOMATISME COMP ; HOFFMANN LA ROCHE INC ; GENERALE D AUTOMATISME COMP ; JEAN GUIGAN ; CO GENERALE D AUTOMATISME ; COMPAGNIE GENERALE D AUTOMATISME ; F HOFFMAN LA ROCHE AND CO AG ; F HOFFMANN LA ROCHE AND CO

Inventor(s): (std): GUIGAN J ; GUIGAN JEAN ; GUIGAN JEAN DR MED ; JEAN GUIGAN ; LAUCORNET ROBERT ; LAUCOURNET R ; LAUCOURNET ROBERT ; GUIGAN DR MED JEAN ; REEDER EARL ; ROBERT LAUCOURNET ; STERNBACH LEO HENRYK

Inventor(s): GUIGAN DRMEDJEAN ; EARL REEDER ; LAUCOURNET ROBERT L HAY LES ROSES ; LEO HENRYK STERNBACH

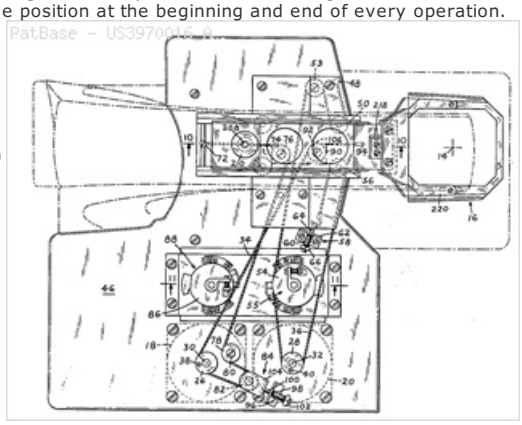
Agent(s): REINHOLD COHN AND PARTNERS

4) Family number: 2433089 (US3970016A)

Title: Automatic sewing machine

Abstract: Source: US3970016A The disclosed invention includes an automatic sewing machine having a low inertia system for translating a work holder relative to a sewing needle. The work holder is moved in a coordinate system which has been modified so that the movement of the work holder relative to the sewing needle approximates, within predefined limits, a rectilinear coordinate system. The driving power is provided by a pair of stepping motors each of whose mechanical outputs is connected by a separate cable drive to a work holder support for each coordinate system. The inertia of the work holder and the support is maintained low by separating the motors from the support. A pair of homing and limit assemblies is also connected to the cable system for preventing the work holder from being moved beyond the defined range of movement and for automatically positioning the work holder in a predetermined home position at the beginning and end of every operation.

Classifications:
International (IPC 8-9): D05B19/00 D05B21/00 D05B3/04 D05B35/10 D05B39/00 D05B69/36 G05B19/10 G05B19/12 G05B19/18 G05B19/40 G05B19/408 G05B19/409 G05B19/4093 (Advanced/Invention); D05B65/00 (Advanced/Non-invention); D05B19/00 D05B21/00 D05B3/00 D05B35/00 D05B39/00 D05B69/00 G05B19/04 G05B19/18 G05B19/40 G05B19/408 G05B19/409 G05B19/4093 (Core/Invention); D05B65/00 (Core/Non-invention)
International (IPC 1-7): D05B19/00 D05B21/00 D05B3/00 D05B3/02 D05B3/04 D05B35/00 D05B69/12 G05B19/12 G05B19/18
CPC: D05B35/10 Y02P90/265 D05B21/00 D05B65/00 D05B69/36 D05D2205/32 D05D2207/02 G05B19/10 G05B19/106 G05B19/40 G05B19/408 G05B19/409 G05B19/4093 G05B2219/36512
European: D05B21/00 D05B35/10 D05B69/36 G05B19/10 G05B19/10S G05B19/40 G05B19/408 G05B19/409 G05B19/4093 N05B65/00 N05D205/32 N05D207/02 S05B219/36512
US: 112/102.5 112/121.11 112/121.12 112/273 112/308 112/470.06 112/470.09



Family:

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IT1040295 A	19791220	IT19750025999	19750731
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JP1535705 C3	19891221	JP19830156214	19830826
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JP51044059 A2	19760415	JP19750098019	19750812
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JP58058119 B4	19831223	JP19760079387	19760703
JP59057690 A2	19840403	JP19830156214	19830826
JP62048510 B4	19871014	JP19830156214	19830826
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US4051794 A	19771004	US19750592951	19750703
US4133275 A	19790109	US19770796081	19770512

Priority:

CA19750232209 19750725	CA19750232224 19750725	DE19762629896 19760702
DE19752533595 19750726	US19740496748 19740812	JP19760079387 19760703
US19750540933 19750114	US19740534546 19741219	US19740532986 19741216
US19740535874 19741223	US19740496749 19740812	US19750592951 19750703

Probable Assignee: UNION SPECIAL CORP

Assignee(s): (std)**:** UNION SPECIAL CORP ; PHILIPS NV ; UNION SUPESHIARU CORP

Assignee(s): UNION SPECIAL COPR ; UNION SPECIAL CORP CHICAGO ILL US ; UNION SPECIAL CORP 60610 CHICAGO ILL US ; YUNION SUPESHIARU CORP ; YANIKOSKI FLORIAN F ; BT COMMERCIAL CORP ; CULLEN ROBERT E ; HERZER WILLIAM P ; PHILIPS GLOEILAMPENFABRIEKEN NV

Inventor(s): (std)**:** CULLEN ROBERT E ; CULLEN ROBERT EMMET ; CULLEN ROBERT EMMETT ; HERZER WILLIAM PETER ; FUROORIAN FUERITSUKUSU YANIKOS ; HERZER WILLIAM P ; YANIKOSKI FLORIAN F ; UIRIAMU PIITAA HAAZAA ; ROBAATO EMETSUTO KAREN

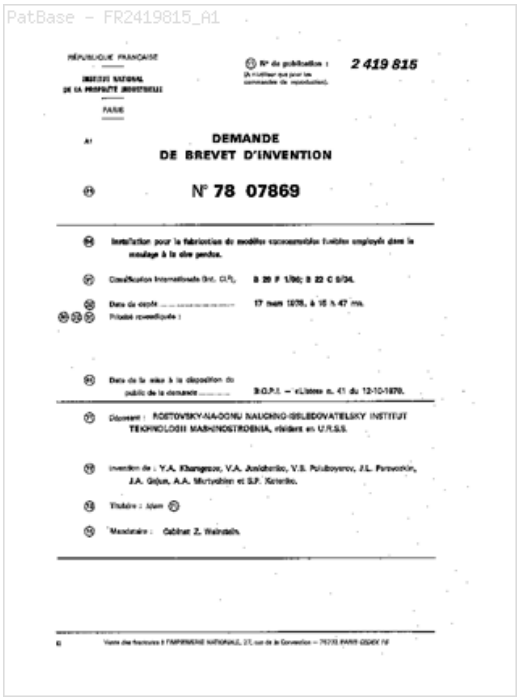
Inventor(s): HERZER WILLIAM PETER HIGH BRIDGE N J ; FUROORIAN FUERITSUKUSU YANIKOSUKII ; CULLEN ROBERT EMMETT NORWOOD MASS ; CULLEN ROBERT EMMET NORWOOD MASS US ; YANIKOSKI FLORIAN F BRAINTREE MASS US ; HERZER WILLIAM P NORTHBOROUGH MASS US ; HERZER WILLIAM PETER HIGH BRIDGE N J US ; HERZER WILLIAM PETER HIGH BRIDGE NJ ; P HERZER WILLIAM ; PETER HERZER WILLIAM ; CULLEN ROBERT EMMETT NORWOOD MASS US ; E CULLEN ROBERT ; EMMETT CULLEN ROBERT ; F YANIKOSKI FLORIAN ; CULLEN ROBERT EMMET NORWOOD MASS ; CULLEN ROBERT E NORWOOD MASS US

5) Family number: 3791396 (FR2419815A)

Title: INSTALLATION POUR LA FABRICATION DE MODELES CONSOMMABLES FUSIBLES EMPLOYES DANS LE MOULAGE A LA CIRE PERDUE AUTOMATIC VACUUM MOULDING MACHINE - FOR MFG. HOLLOW LOST WAX AND SIMILAR PATTERNS FOR PRECISION CASTING PROCESSES (CS 15.9.78)

Abstract: Source: FR2419815A Fabrication des modeles de fonderie consommables fusibles. L'installation comprend un mecanisme d'injection de cire liquide dans un moule, un mecanisme d'aspiration des exces de cire non solidifies et un mecanisme d'insufflation des coeurs des modeles par un fluide different de la cire. Application aux moulages a cire perdue. On the machine bed is a moving die half(a) driven along a horizontal axis by a work cylinder (WC); and a fixed die half(b) with a vertical joint line between the two halves (a,b). Die half(b) has a horizontal ingate via which a vacuum can be applied, followed by the injection of wax or other paste from a heated container; compressed air is then driven into the ingate to form a hollow pattern. The machine includes a vertical pillar fitted with a coaxial row of WCs and pistons; one piston is monolithic with a heated chamber contg. the wax paste driven into the die(a,b). The patterns are ejected and drop into a water tank for cooling. Rapid mass prodn. of accurate hollow patterns can be obtd. at low cost.

Classifications:
International (IPC 8-9): B29C45/17 B29C67/24 (Advanced/Invention);
B29C45/17 B29C67/24 (Core/Invention)
International (IPC 1-7): B22C9/04 B29F1/06
CPC: B29C45/1704 B29C67/241
European: B29C45/17B2 B29C67/24B


PatBase – FR2419815_A1

RÉPUBLIQUE FRANÇAISE

INSTITUT NATIONAL DE LA PROPRIÉTÉ INDUSTRIELLE

PARIS

(11) N° de publication : **2 419 815**

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(21) **DEMANDE DE BREVET D'INVENTION**

(19) **N° 78 07869**

(54) Installation pour la fabrication de modèles consommables fusibles employés dans le moulage à la cire perdue.

(51) Classification internationale (Int. Cl.²). B 29 F 1/00; B 22 C 9/04.

(22) Date de dépôt ..... 17 mars 1978, à 16 h 47 mn.

(32)(33)(31) Priorité revendiquée :

(41) Date de la mise à la disposition du public de la demande ..... B.O.P.I. — «Listes» n. 41 du 12-10-1979.

(71) Déposant : ROSTOVSKY-NA-DONU NAUCHNO-ISSLEDOVATELSKY INSTITUT TEKHNOLOGII MASHINOSTROENIA, résidant en U.R.S.S.

(72) Inventeur de : Y.A. Kharagezov, V.A. Junichenko, V.S. Poluboyarov, J.L. Perevozkin, J.A. Gajun, A.A. Mkrtychian et S.P. Kotenko.

(73) Titulaire : Idem (71)

(74) Mandataire : Cabinet Z. Weinstein.

(5) Vente des fascicules à l'IMPRIMERIE NATIONALE, 27, rue de la Convention — 75732 PARIS CEDEX 15

Family:

Publication number	Publication date	Application number	Application date
FR2419815 A1	19791012	FR19780007869	19780317
FR2419815 B1	19801017	FR19780007869	19780317

Priority:

FR19780007869 19780317

Probable Assignee: ROSTOVSKY NA DONU INST TEKHN

Assignee(s): (std): ROSTOVSKY NA DONU INST TEKHN

Assignee(s): ROSTOVSKY NA DONU INSTITUT TEKHN

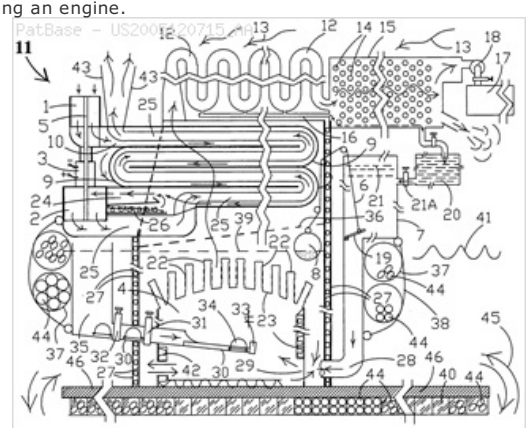
Inventor(s): (std): GAJUN J A ; JUNICHENKO V A ; KHARAGEZOV Y A ; PEREVOZKIN J L ; MKRTYCHIAN A A ; KOTENKO S P ; POLUBOYAROV V S

Inventor(s): Y A KHARAGEZOV V A JUNICHENKO V S POLUBOYAROV J L ; Y A KHARAGEZOV V A JUNICHENKO V S POLUBOYAROV... ; Y A KHARAGEZOV V A JUNICHENKO V S POLUBOYAROV J L PEREVOZKIN J A GAJUN A A MKRTYCHIAN ET S P KOTENKO

6) Family number: 30545299 (US2005120715A)

Title: HEAT ENERGY RECAPTURE AND RECYCLE AND ITS NEW APPLICATIONS

Abstract: Source: US2005120715A What has been created is a plurality and a variety of processes and a variety of devices correspondingly supportive to each process, wherein, a new partnership between; (1) a heat absorbing radiator compressed air pipes/tubes and (2) a gas turbine engine or a reciprocating piston engine,-is used to recapture and reconvert the, otherwise wasted, heat energies expelled by engines, by factories, by smelting plants, by distillation plants, by chillers/coolers/freezers, by cooking ovens, by lamps/stoves, by trash burners, and the heat energies created by the solar heat on the desert/ocean water,-into electric power and finally into hydrogen-deuterium fuel,-by having the engine's tailpipes submerged in cold compressed air inside the heat absorbing radiator pipes in reverse air flow, to further drive and re-drive the same engine; wherein, in order to capture fusion heat energy the hydrogen bomb is detonated in the deep ocean to catch the flames by the water and the hot water is used to energize the compressed air inside the heat absorbing radiator pipes; wherein, in order to produce fusion energy, an abundant electric arc is passed across liquid deuterium or across gaseous deuterium by the electro-plasma torch and sparkplug in the internal combustion engine, and by detonating a dynamite inside a liquid deuterium; wherein diamond is produced by placing carbon inside the hydrogen bomb; and wherein, deuterium fusion flame is used first in smelting glass to large sizes before running an engine.


PatBase – US2005120715_A1

Classifications:

International (IPC 8-9): B01D61/10 B63B1/10 B63B1/12 B63B35/00 B63B35/44 B63B39/06 B63B43/06 B63G1/00 B63G8/30 B63H19/02 B63H9/06 B63H9/10 B63J3/00 B64C31/04 B64C31/06 E02B3/06 F01K13/00 F01K23/10 F01K27/00 F02C1/00 F02C1/05 F02G5/00 F03B13/18 F03D11/04 F03D5/00 F03D5/04 F03G7/00 F24F5/00 F24F6/14 F28D5/00 (Advanced/Invention);
B63B1/24 B63J1/00 F24F1/00 (Advanced/Non-invention);
B01D61/02 B63B1/00 B63B35/00 B63B35/44 B63B43/00 B63H9/00 B63J3/00 E02B3/06 F01K23/10 F01K27/00 F02C1/00 F02G5/00 F03B13/00 F03D5/00 F03G7/00 (Core/Invention)

International (IPC 1-7): B01D61/10 B63B17/00 B63B35/00 B63B7/00 F01K23/10 F03D5/02 F03D5/04 F03G7/00 F04B35/00 F24F6/14 F28D5/00

CPC: B63H9/06 B63H9/1021 F05D2260/212 F01K27/00 F02C1/05 F03G7/00 Y02T50/672 Y02T50/676 B63B1/121 Y02W10/33 Y02W10/37 B63B1/107 B63B1/24 B63B39/06 B63B2039/067 B63G1/00 B63G8/30 B63H19/02 B63J1/00 C02F1/04 F05B2240/40 Y02T70/59 B63B35/00 B63B43/06 B63J3/00 E02B3/062 E02B2017/0091 F03B13/182 F03D5/04 F24F5/0035 F24F6/14 Y02B10/30 Y02B10/50 Y02E10/38 F03D13/20 F28D5/00 B01D61/10 B63B35/44 B63B2035/446 B63B2035/4466 B64C31/04 B64C31/06 F03D5/00 F05B2240/921 F05B2240/922 F24F2001/0088 Y02B30/545 Y02E10/70 Y02E10/728 B63H9/10 F05B2210/18

European: B01D61/10 B63B1/10C B63B1/12B B63B35/00 B63B35/44 B63B39/06 B63B43/06 B63G1/00 B63G8/30 B63H19/02 B63H9/06 B63H9/10 B63H9/10C B63J3/00 B64C31/04 B64C31/06 E02B3/06B F01K27/00 F02C1/05

F03B13/18B2D F03D11/04 F03D5/00 F03D5/04 F03G7/00 F24F5/00C7 F24F6/14 F28D5/00 L63B1/24 L63B35/44 L63B35/44E7 L63B35/44E9 L63B39/06R L63B43/06 L63H9/10 L63J1/00 L63J3/00 M02F1/04 P02B17/00M R05B210/18 R05B240/40 R05B240/921 R05B240/922 R05B240/931 R05B260/212 R24F1/00G1 Y02B10/30 Y02B10/50 Y02B30/14 Y02B30/54D Y02E10/38 Y02E10/70 Y02E10/72L Y02E10/72N Y02E20/18 Y02T50/67B2 Y02T50/67F2 Y02T70/59
US: 114/102 114/267 114/382 114/39.1 114/39.2 114/39.26 114/39.29 114/39.31 210/136 210/170 210/259 210/321.87 244/153.00R 244/153R 244/24 405/76 415/5 416/8 417/330 417/332 60/39.01 60/506 60/618 60/618P 60/676 60/698 60/698P 60/772 62/304 62/310 62/314 623/40

Family:

Publication number	Publication date	Application number	Application date
AP200704109 A0	20070831	AP20070004109	20050727
AU2005325208 AA	20060727	AU20050325208	20050727
AU2005325208 BB	20120329	AU20050325208	20050727
CA2397847 AA	20040212	CA20022397847	20020812
CA2404410 AA	20040320	CA20022404410	20020920
CA2599414 AA	20070823	CA20052599414	20050727
CN101146981 A	20080319	CN200580049207	20050727
EA200701538 A1	20081030	EA20070001538	20050727
EP1851418 A1	20071107	EP20050779535	20050727
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IN05612DN2007 A	20070831	IN2007DN05612	20070719
US2005120715 AA	20050609	US20050039624	20050120
US2008155985 AA	20080703	US20050795835	20050727
US4756666 A	19880712	US19840631321	19840719
US4859146 A	19890822	US19880177599	19880405
US5027735 A	19910702	US19900472753	19900131
US5052902 A	19911001	US19860820082	19860121
US5056447 A	19911015	US19880255657	19881013
US5094595 A	19920310	US19890376002	19890815
US5435259 A	19950725	US19930097655	19930727
US5507943 A	19960416	US19910811470	19911218
US6293121 BA	20010925	US19980137499	19980820
US6327994 BA	20011211	US19970999729	19971223
US8051637 BB	20111108	US20050795835	20050727
WO06078315 A1	20060727	WO2005US26793	20050727
WO06078315 C1	20061102	WO2005US26793	20050727

Priority:

CA20022397847	20020812	CA20022404410	20020920	US19860820082	19860121
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US19970058062P	19970905	US19950506335	19950725	US20050039624	20050120
WO2005US26793	20050727	US19970999729	19971223	US19980137499	19980820

Probable Assignee: CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST

Assignee(s): (std)**:** CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST ; CHRISTION SCHOOL OF TECHNOLOGY ; LABRADOR GAUDENCIO A ; LABRADOR GAUDENCIO AQUINO ; GAUDENCIO LABRADOR ; LABRADOR GAUDENCIO ; CHRISTIAN SCHOOL OF TECHNOLOGY

Assignee(s): CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATI ; CHRISTION SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST ; CHRISTION SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATI

Inventor(s): (std)**:** LABRADOR GAUDENCIO AQUINO ; LABRADOR GAUDENCIO A ; CHRISTIAN SCHOOL OF TECHNOLOGY

Inventor(s): LABRADOR GAUDENCIO ; CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE ; GAUDENCIO AQUINO LABRADOR

Agent(s): ROGER SYN AND CO PATENT AND TRADE MARK ATTORNEYS; FURMAN AND KALLIO; OYEN WIGGS GREEN AND MUTALA LLP; GAUDENCIO AQUINO LABRADOR

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 KP KZ LC LI LK LR LS LT LU LV 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

7) Family number: 29121328 (US4928690A)

Title: Portable device for sensing cardiac function and automatically delivering electrical therapy

Abstract: Source: US4928690A A patient-worn harness or vest protects at-risk patients from the possibly fatal results of heart arrhythmias. The harness or vest incorporates sensing electrodes for monitoring heart condition, a microprocessor and memory for processing signals received from the sending electrodes and comparing same with patient's data, and skin-contacting pulsing electrodes for applying electrical pulses to the patient's chest wall responsive to signals received from the microprocessor. The electrodes include automatic tightening and electrolyte gel release mechanisms for reducing impedance at the electrode-skin interface. A servicing subsystem is provided for the harness or vest and may be used to interface with the harness or vest and also to communicate with remote health care personnel through a suitable telephone link.
Classifications:
International (IPC 8-9): A61N1/04 A61N1/36 A61N1/362 A61N1/365 A61N1/39 (Advanced/Invention);
A61B5/00 A61N1/08 (Advanced/Non-invention);
A61N1/04 A61N1/365 A61N1/39 (Core/Invention);
A61B5/00 A61N1/08 (Core/Non-invention)
International (IPC 1-7): A61N1/00 A61N1/04 A61N1/36 A61N1/362 A61N1/365 A61N1/39
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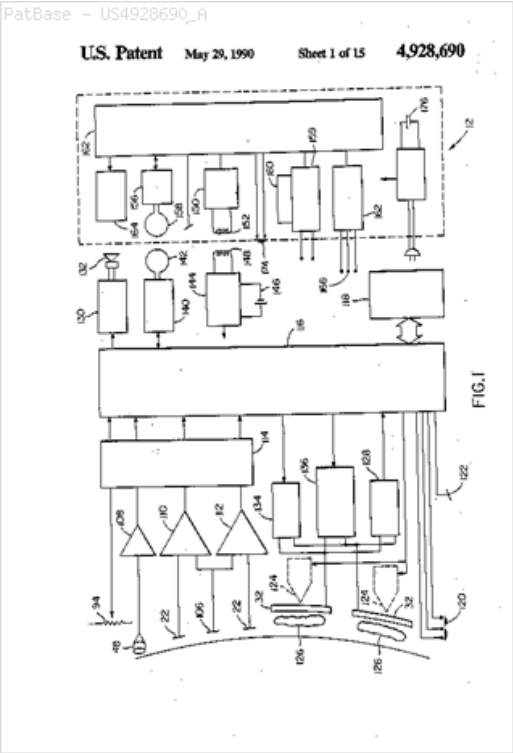
European: A61B5/68B3B A61N1/04E1S A61N1/04E2 A61N1/04E2P A61N1/362B A61N1/39 K61B5/00B3B K61N1/04E2C K61N1/04E2G

K61N1/04E2P K61N1/08B
US: 128/421 600/508 600/509 600/515 600/547 607/10 607/142 607/4



Family:

Publication number	Publication date	Application number	Application date
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CA2043507 AA	19911130	CA19912043507	19910529
CA2043507 C	19980414	CA19912043507	19910529
DE68927898 D1	19970430	DE19896027898	19890419
DE68927898 T2	19971016	DE19896027898T	19890419
DE69121470 D1	19960926	DE19916021470	19910516
DE69121470 T2	19970109	DE19916021470T	19910516
EP0339471 A2	19891102	EP19890107054	19890419
EP0339471 A3	19911127	EP19890107054	19890419
EP0339471 B1	19970326	EP19890107054	19890419
EP0459239 A2	19911204	EP19910107972	19910516
EP0459239 A3	19920520	EP19910107972	19910516
EP0459239 B1	19960821	EP19910107972	19910516
JP1320069 A2	19891226	JP19890105695	19890425
JP2000051371 A2	20000222	JP19990188294	19990702
JP2000051372 A2	20000222	JP19990188295	19990702
JP2000051373 A2	20000222	JP19990188296	19990702
JP2791095 B2	19980827	JP19890105695	19890425
JP3001301 B2	20000124	JP19910226635	19910529
JP3383611 B2	20030304	JP19990188295	19990702
JP3383612 B2	20030304	JP19990188296	19990702
JP3393092 B2	20030407	JP19990188294	19990702
JP7000541 A2	19950106	JP19910226635	19910529
US4928690 A	19900529	US19880185781	19880425
US5078134 A	19920107	US19900528883	19900529

Priority:

CA19890596800 19890414 CA19912043507 19910529 US19900528883 19900529
US19900528883 19900529 US19880185781 19880425 JP19910226635 19910529
US19900528883 19900529

Probable Assignee: ZOLL MEDICAL CORP

Assignee(s): (std): LIFECOR INC ; LIFECOR INC PENNSYLVANIA CORP ; RAIFU KOA INC ; RAIFUKOA INC

Assignee(s): ZOLL MEDICAL CORP ; WHOLEY MARK H ; LIFECOR INC PITTSBURGH PA US ; RUSSIAL JOSEPH F ; BOWLING LARRY D ; BRANDT ARLAN J ; EQUITY INVESTORS LLC ; HEILMAN MARLIN S

Inventor(s): (std): AARAN JEI BURANTO ; AARAN JIEI BURANTO ; BOWLING LARRY D ; BRANDT ARLAN J ; HEILMAN MARLIN S ; JIYOSEFU EFU RASHIARU ; JIYOZEFU EFU RATSUSHIYARU ; JOSEFU EFU RASHIARU ; JOZEFU EFU RATSUSHARU ; MAARIN ESU HAIRUMAN ; MAARIN ESU HEIRUMAN ; RARII DEII BORINGU ; RARII DEII BOURINGU ; RUSSIAL JOSEPH F

Agent(s): MCCARTHY TETRAULT LLP

Designated states: BE DE FR GB NL SE

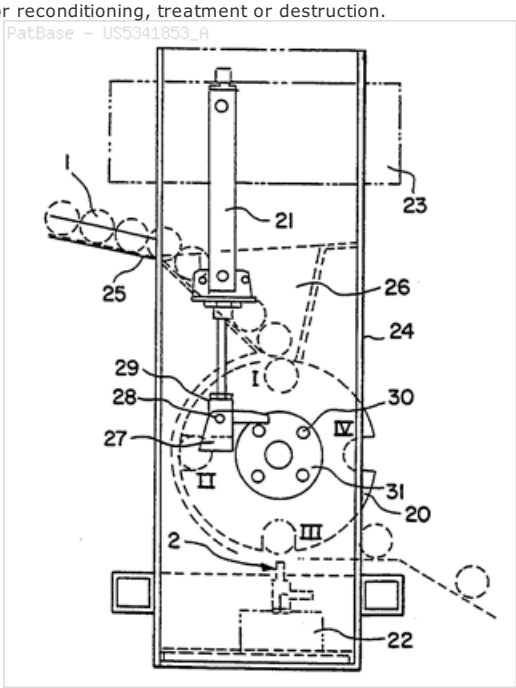
8) Family number: 3291608 (US5341853A)

Title: Method for destroying aerosol cans

Abstract: Source: US5341853A PCT No. PCT/FR90/00150 Sec. 371 Date Sep. 29, 1992 Sec. 102(e) Date Sep. 29, 1992 PCT Filed Mar. 6, 1990 PCT Pub. No. WO90/10507 PCT Pub. Date Sep. 20, 1990.Method for destroying aerosol cans providing for

their complete emptying, recovery, separation of various elements contained without losses, and the devices, automatic or not, for implementing the destruction method as well as the automatic piercing machine. The invention is related to the industrial sector of recovery and valorisation of waste products, the innovation of the method according to the invention allowing to pierce the aerosol can by means of a hollow needle (2) allowing to transfer the contents into a low pressure separation vat (8) making both housings, the aerosol can and the vat (8) to communicate, the invention using the resulting expansion in order to seperate the gases from the liquids, said gases thus expanded being sucked, compressed means of a compressor (13), liquified by an air-condenser (15) from where they are transferred into storage vats for treatment or reuse, the recovered liquids at the bottom of the vat (8) being transferred for reconditioning, treatment or destruction.

Classifications:
International (IPC 8-9): B09B3/00 B65B69/00 (Advanced/Invention); B09B3/00 B65B69/00 (Core/Invention)
International (IPC 1-7): B01D19/00 B01D5/00 B09B3/00 B65B31/00 B65B69/00 B65D83/14 B67C3/00 B67C9/00
CPC: B09B3/0058 B65B69/00
European: B09B3/00F B65B69/00
US: 141/168 141/329 141/7 222/5 222/83



Family:

Publication number	Publication date	Application number	Application date
AT109691 E	19940815	AT19900904847T	19900306
AU199052851 A1	19901009	AU19900052851	19900306
DE69011440 D1	19940915	DE19906011440	19900306
DE69011440 T2	19950524	DE19906011440T	19900306
DK0416077 T3	19941031	DK19900904847T	19900306
EP0416077 A1	19910313	EP19900904847	19900306
EP0416077 B1	19940810	EP19900904847	19900306
ES2063964 T3	19950116	ES19900904847T	19900306
FR2643837 A1	19900907	FR19890002917	19890306
FR2643837 B1	19910712	FR19890002917	19890306
SE5416077 T3	19940810	SE19900904847T	19900306
US5341853 A	19940830	US19920601826	19920929
WO9010507 A1	19900920	WO1990FR00150	19900306

Priority:

FR19890002917 19890306 WO1990FR00150 19900306

Probable Assignee: SERVICES DANS LA REHABILITATION DES DECHETS

Assignee(s): (std): FRANCOIS NUGUES ; MONSTERLEET JACQUES ; NUGUES FRANCOIS ; ROBIC PIERRE ; ROBIC PIERRE H ; SERVICES DANS LA REHABILITATIO

Assignee(s): SERVICES DANS LA REHABILITATION DES DECHETS ; SERVICES DANS LA REHABILITATION DES DECHETS TRIEL ; SERVICES DANS LA REHABILITATION DES DECHETS TRIEL SUR SEINE FR ; ROBIC PIERRE EPINAY SUR SEINE FR

Inventor(s): (std): NUGUES FRANCOIS ; ROBIC PIERRE ; ROBIC PIERRE H

Inventor(s): FRANCOIS NUGUES ; ROBIC PIERRE F 93800 EPINAY SUR SEINE FR ; NUGUES FRANCOIS F 78570 ANDRESY FR ; PIERRE ROBIC

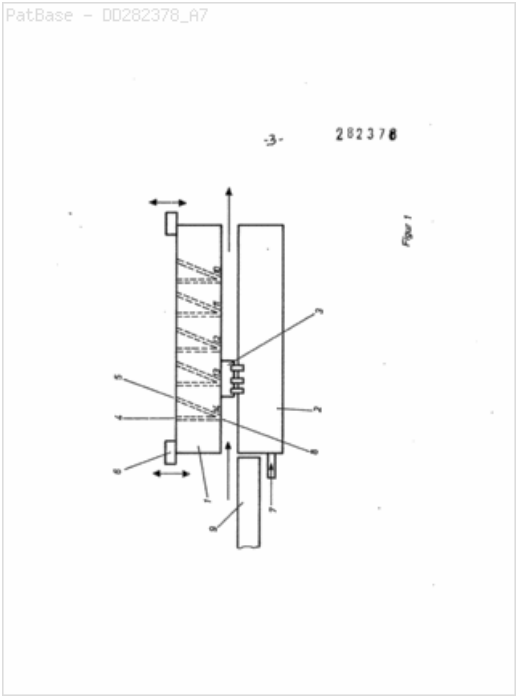
Designated states: AT AU BE CH DE DK ES FR GB IT JP LI LU MC NL NO RO SE SU US

9) Family number: 6072811 (DD282378A)

Title: ANORDNUNG ZUR AUTOMATISCHEN RATIONELLEN MESSUNG ELEKTRISCHER GROESSEN ELEKTRONISCHER BAUELEMENTE ARRANGEMENT FOR AUTOMATIC RATIONAL MEASUREMENT OF ELECTRICAL QUANTITIES OF ELECTRONIC COMPONENTS (Machine translation)

Abstract: Source: DD282378A [Source: Claim 1] 1. Anordnung zur automatischen rationellen Messung elektrischer Groessen elektronischer Bauelemente, vorzugsweise der Spannungsfestigkeit von optoelektronischen Kopplern, gekennzeichnet dadurch, dass durch eine obere Fuehrungsschiene, die aus nichtleitendem Material besteht, Bohrungen im definierten Abstand derart angeordnet sind, dass jeweils eine senkrechte Bohrung und eine schraeg im Winkel, vorzugsweise von 45 degrees eingebrachte Bohrung, als oeffnungen fuer die Saugleitung und die Druckleitung zu einem gemeinsamen Endvolumen zusammengefuehrt sind, die ueber Schlaeuche mit der Ansaugvorrichtung verbunden sind, wobei zur oberen Fuehrungsschiene eine untere Schiene angeordnet ist, die hochspannungsfnst, kapazitaetsarm und hochohmig die Messobjekte fixiert. [Source: claim 1] 1 arrangement for automatic rational measurement of electrical quantities of electronic components, preferably of the dielectric strength of optoelectronic couplers, marked by an upper guide rail, which is made of nonconductive material, holes in the defined distance so arranged are, that each a vertical hole and one at an angle are merged in the angle, preferably bore tabled by 45 degrees, as openings for the suction pipe and the pipe to a common final volume, hose with the suction device are connected, where to the upper guide rail a bottom rail is arranged, hochspannungsfnst, low capacity and high impedance fixed the measuring objects.

Classifications:
International (IPC 8-9): G01R31/18 H01L21/68 H05K13/04 (Advanced/Invention);
G01R31/12 H01L21/67 H05K13/04 (Core/Invention)
International (IPC 1-7): G01R31/18 H01L21/68 H05K13/04



Family:

Publication number	Publication date	Application number	Application date
DD282378 A7	19900912	DD19880313094	19880222

Priority:
DD19880313094 19880222

Probable Assignee: WERK FERNSEHELEKTRONIK VEB
Assignee(s): (std)**:** WERK FERNSEHELEKTRONIK VEB
Assignee(s): VEB WERK FUER FERNSEHELEKTRONIK DD
Inventor(s): (std)**:** BERGER BERTHOLD ; HAMMERSCHMIDT PETER ; KAUTZ HANS GEORG ; SCHRAMM BRUNO
Inventor(s): SCHRAMM BRUNO DD ; KAUTZ HANS GEORG DD ; HAMMERSCHMIDT PETER DD ; BERGER BERTHOLD DD

10) Family number: 12242999 (US5366122A)

Title: DISPENSER FOR FLOWABLE MEDIA

Abstract: Source: US5366122A In a discharge apparatus (1) on a basic body (8) is provided a pneumatic pump (19) and axially adjacent thereto a casing chamber (14) for receiving a magazine (15) for individual doses of a pulverulent or similar medium, whose magazine chamber (30) can be transferred into a discharge position, in which it is connected by one inlet end (46) and one outlet end (47) to a feed path (20) for the pumped air. At remote ends of the basic body (8) are provided pressure handles (5, 6) for the discharge actuation and a handle (7) for indexing or replacing a magazine body (16). Opening devices (50, 51) are used for the automatic opening of the magazine chamber (30) on transfer into the discharge position. This leads to a very reliable operation in the case of compact construction and easy handling.
Classifications:
International (IPC 8-9): A61J3/00 A61M11/00 A61M13/00 B05B11/06 B05B7/14 B65D83/06 (Advanced/Invention);
A61M15/00 (Advanced/Non-invention);
A61J3/00 A61M11/00 A61M13/00 B05B11/06 B05B7/14 B65D83/06 (Core/Invention);
A61M15/00 (Core/Non-invention)
International (IPC 1-7): A61J3/00 A61M11/00 A61M13/00 A61M15/00 B05B11/06 B05B12/14 B05B7/14 B05C17/005 B05C19/06 B65D83/06
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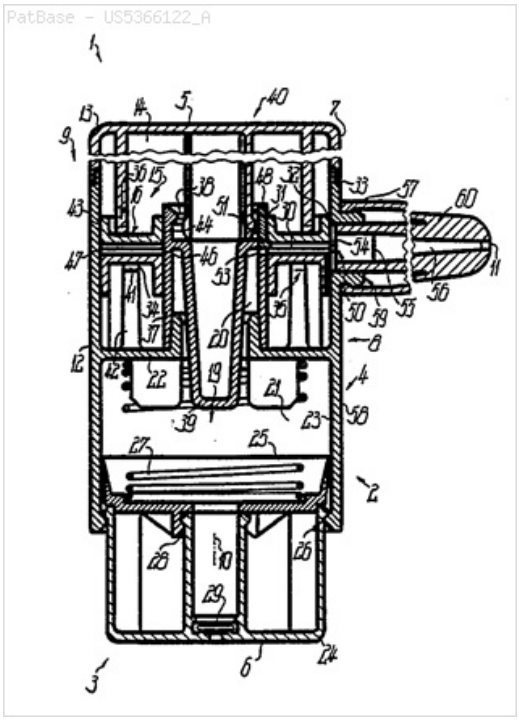

Family:

Publication number	Publication date	Application number	Application date
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ES2091987 T3	19961116	ES19920114370T	19920822
JP3298937 B2	20020708	JP19920248868	19920826
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US5366122 A	19941122	US19920936743	19920827

Priority:

DE19914128295 19910827 DE19925007234 19920822

Probable Assignee: ING ERICH PFEIFFER GMBH

Assignee(s): (std)**:** PFEIFFER ERICH GMBH AND CO KG

Assignee(s): ING ERICH PFEIFFER GMBH ; ING ERICH PFEIFFER GMBH 78315 RADOLFZELL DE ; ING ERICH PFEIFFER GMBH AND CO KG 7760 RADOLFZELL ; ING ERICH PFEIFFER GMBH AND CO KG ; ING ERICH PFEIFFER GMBH AND CO KG 7760 RADOLFZELL DE ; ING ERICH PFEIFFER GMBH AND CO 7760 RADOLFZELL DE KG

Inventor(s): (std)**:** GUNTERT BERNHARD ; JAEGER WALDAU REINHOLD ; JAGER WALDAU REINHOLD ; RITSCHE STEFAN ; WOLTER MICHAEL ; FUCHS KARL HEINZ ; GUENTERT BERNHARD

Inventor(s): GUENTERT BERNHARD 7701 MUEHLHAUSEN DE ; FUCHS KARL HEINZ 7760 RADOLFZELL DE ; WOLTER MICHAEL STECKBORN CH ; WOLTER MICHAEL CH 8266 STECKBORN CH ; RITSCHE STEFAN W 7760 RADOLFZELL DE ; JAEGER WALDAU REINHOLD W 7760 RADOLFZELL DE ; GUENTERT BERNHARD W 7701 MUEHLHAUSEN EHINGEN DE ; FUCHS KARL HEINZ W 7760 RADOLFZELL DE

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

11) Family number: 12228784 (US5440943A)

Title: ELECTRONIC TEST HEAD MANIPULATOR

Abstract: Source: US5440943A A positioner facilitates docking and undocking of an electronic test head with a device handler. The position provides for rotation of the test head about a first axis. The positioner includes a scissor arm structure for moving the test head along a second axis orthogonal to the first axis

Classifications:

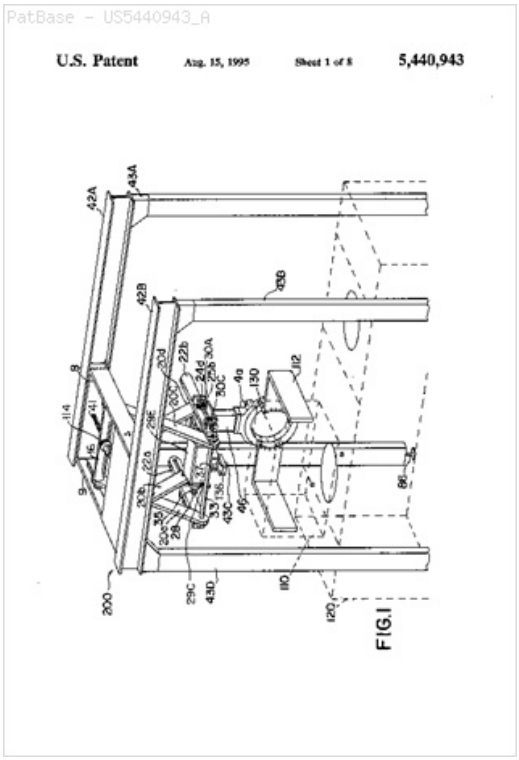
International (IPC 8-9): B25J9/16 G01R1/04 G01R31/26 G01R31/28 H01L21/66 H01L21/68 (Advanced/Invention);
G01R1/067 G01R31/28 (Advanced/Non-invention);
B25J09/16 B25J9/16 G01R1/02 G01R31/26 G01R31/28 H01L21/66 H01L21/67 (Core/Invention)

International (IPC 1-7): B25J09/16 B25J1/12 B25J9/16 B65G49/00 F16H25/20 G01R1/00 G01R1/04 G01R31/02 G01R31/26 G01R31/28 G01R35/04 H01L21/66 H01L21/68

CPC: G01R1/06705 Y10S248/913 Y10S414/13 G01R1/04 B25J9/1694 G01R31/2887 G05B2219/37133 G05B2219/37404 G05B2219/40082 G05B2219/45089 G05B2219/49117 Y10T74/18576

European: B25J9/16V G01R1/04 G01R1/073B10 G01R31/28G5B S01R1/067B S05B219/37133 S05B219/37404 S05B219/40082 S05B219/45089 S05B219/49117

US: 248/277 248/277.1 248/913 269/71 324/158.1 324/750.02 324/750.22 324/754 324/756.01 324/756.05 324/757 324/758 324/762.02 324/762.03 414/590 414/626 414/744.3 414/917 74/89.15 74/89.23 74/891.5



Family:

Publication number	Publication date	Application number	Application date
AT177983 E	19990415	AT19950308206T	19951116
CN1107231 C	20030430	CN19951020461	19951212
CN1136665 A	19961127	CN19951020461	19951212
DE69429399 D1	20020124	DE19946029399	19940902
DE69429399 T2	20020808	DE19946029399T	19940902
DE69508542 D1	19990429	DE19956008542	19951116
DE69508542 T2	19991223	DE19956008542T	19951116
EP0643308 A1	19950315	EP19940306461	19940902
EP0643308 B1	20011212	EP19940306461	19940902
EP0716905 A2	19960619	EP19950308206	19951116
EP0716905 A3	19960814	EP19950308206	19951116
EP0716905 B1	19990324	EP19950308206	19951116
JP2878169 B2	19990405	JP19950323329	19951212
JP7244119 A2	19950919	JP19940218677	19940913
JP8220190 A2	19960830	JP19950323329	19951212
KR100225805 B1	19991015	KR19950048279	19951211
KR100368991 B1	20030407	KR19940023205	19940914
KR19960024441 A	19960720	KR19950048279	19951211
PH31538 A	19981103	PH19950051896	19951212
SG34322 A1	19961206	SG19950002056	19951207
SG44495 A1	19971219	SG19960000957	19940902
TH22386 B	20070816	TH19951003110	19951204
TH25272 A	19970523	TH19951003110	19951204
US5440943 A	19950815	US19930122055	19930915
US5600258 A	19970204	US19940355501	19941212
US5900737 A	19990504	US19960643967	19960507
US6057695 A	20000502	US19970828893	19970331
US6448797 BA	20020910	US20000559462	20000428

Priority:

US19930122055 19930915 US19940355501 19941212 US20000559462 20000428
US19970828893 19970331 US19960643967 19960507

Probable Assignee: INTEST CORP

Assignee(s): (std)**:** INTEST CORP ; INTEST IP CORP

Assignee(s): INTESUTO CORP ; INTEST A NJ CORP CORP ; INTEST CORP CHERRY HILL ; INTEST CORP CHERRY HILL N J US

Inventor(s): (std)**:** DANIERU JIEI GURAHAMU ; GRAHAM DANIEL J ; HOLT ALYN R ; MATTHIESSEN ROBERT E ; MATTHISSEN ROBERT E ; ROBAATO II MATSUSHIETSUSEN ; WEILERSTEIN I MARVIN ; WEST CHRISTOPHER L ; WEILERSTEIN MARVIN ; DANIERU JEI GURAHAMU ; ARIN AARU HORUTO ; AI MAABIN UEIRAASUTAIN ; ROBERT E MATTIHIESSEN ; I MARVIN WEILERSTEIN ; DANIEL J GRAHAM ; CHRISTOPHER L WEST ; ALYN R HOLT ; ROBAATO II MASHIISEN ; MATTHIESSON ROBERT E ; KURISUTOFUAA ERU UESUTO

Inventor(s): HOLT ALYN R CHERRY HILL NJ 08003 US ; GRAHAM DANIEL J WEST BERLIN NJ 08091 US ; MATTHIESSEN ROBERT E CHERRY HILL NJ 08003 US ; CHRISTOPHER L.WEST ; ROBERT E MATTHIESSEN ; IMARVIN WEILERSTEIN ; WEILERSTEIN I MARVIN JENKINTOWN PA 19046 US ; WEST CHRISTOPHER L VINCENTOWN NJ 08088 US ; ROBERT E MATTHISSEN

Designated states: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

12) Family number: 28618689 (US2001007216A)

Title: SUTURE CUTTING SYSTEM

Abstract: Source: US2001007216A Apparatus for cutting an indefinite length suture to different lengths for subsequent threading and swaging to surgical needles includes a drawing tower having first and second guide members defining a drawing axis parallel thereto. First and second grippers are provided to grip the indefinite length suture and to alternately draw it along the drawing axis, with each gripper being mounted for reciprocal movement along a guide member. Each gripper alternately grips the suture and draws it a distance beyond the location of a cutter assembly while the other gripper reciprocates to a start position before the cutter assembly. A tipping assembly heats a predetermined small length of the suture to stiffen the suture thereat after subsequent cooling, in preparation for cutting the suture thereat and inserting a stiffened lead cut end of the suture into an end of a needle for swaging thereto. Both the tipping assembly and the cutter assembly are variably positioned in the apparatus to accommodate different cut lengths of suture. A long length of suture travel is provided between the tipping assembly and the cutter assembly which is a discrete number of apparatus cutting cycles between the tipping and cutting operations to allow the tipped suture to cool prior to cutting.

Classifications:

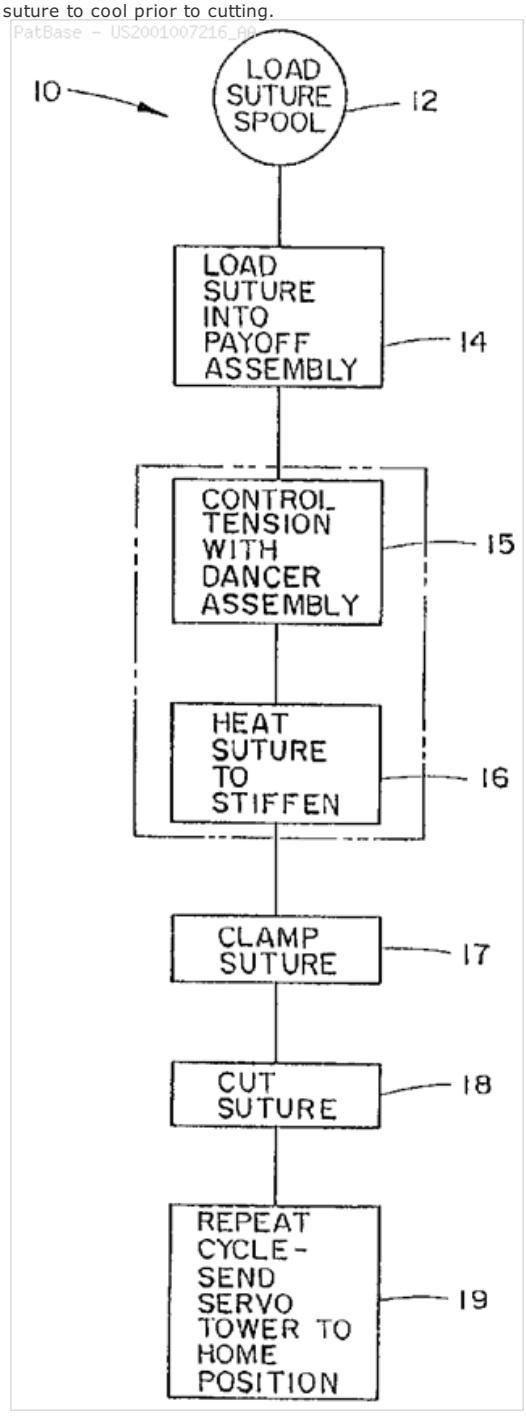
International (IPC 8-9): A61B17/04 A61B17/06 A61B17/32 B21G1/02 B21G1/08 B21G1/12 B24B19/16 B25J9/16 B26D1/06 B65B19/34 B65B25/00 B65G27/02 B65G47/14 B65H51/18 B65H54/71 G05B19/418 G06T7/00 (Advanced/Invention); A61B17/00 A61B17/06 (Advanced/Non-invention); A61B17/06 B21G1/00 B25J9/16 B65G27/00 G06T7/00 (Core/Invention); A61B17/00 (Core/Non-invention)

International (IPC 1-7): A61B17/00 A61B17/03 A61B17/04 A61B17/06 B07C1/20 B07C5/02 B07C9/00 B21D39/00 B21G1/02 B21G1/08 B21G1/12 B23P11/00 B23P19/04 B23Q15/00 B24B19/16 B25J9/16 B26D1/06 B26D7/01 B26D7/02 B65B19/34 B65B25/00 B65B63/04 B65G27/02 B65G47/14 B65G47/26 B65H51/18 B65H61/00 B65H77/00 G05B15/00 G05B19/418 G06T7/00

CPC: G05B2219/37555 Y10S209/903 Y10S209/939 Y10S83/95 B26D1/065 B65H51/18 Y10T29/49929 Y10T29/5142 Y10T29/53717 Y10T29/51 Y10T29/53052 Y10T29/53387 A61B17/0467 A61B2017/0609 B65H54/71 Y10T29/5143 Y10T29/53022 Y10T29/53065 A61B2017/00526 A61B2017/06028 G05B19/4182 Y10T83/0405 Y10T83/0414 Y10T83/0424 Y10T83/0448 Y10T83/207 Y10T83/2183 Y10T83/2187 Y10T83/283 Y10T83/323 Y10T83/4539 Y10T83/4564 Y10T83/4632 Y10T83/4637 Y10T83/576 Y10T83/748 Y10T83/7487 Y10T83/75 Y10T83/8854 Y10T83/8858 Y10T83/896 G06T7/70 B25J9/1697 G05B2219/40005 G05B2219/45047 G05B2219/45063 A61B17/06 A61B17/06004 A61B17/06133 B21G1/08

European: A61B17/04C A61B17/06 A61B17/06A A61B17/06P4 B21G1/08 B25J9/16V1 B26D1/06B B65H51/18 B65H54/71 G05B19/418C1 G06T7/00P K61B17/00M K61B17/06A K61B17/06A9 K61B17/06N6 K61B17/06P4 S05B219/37555 S05B219/40005 S05B219/45047 S05B219/45063

US: 163/1 163/5 198/391 198/431 198/431S 198/448 198/448S 198/757 198/759 198/803.4 198/803.400S 198/803.7 209/540 209/542 209/564 209/586 209/598 209/903 209/939 221/200 264/138 264/234 264/345 29/243.517 29/33.00R 29/330R 29/33R 29/517 29/564.6 29/564.7 29/705 29/712 29/715 29/788 425/142 425/143 425/289 53/118 700/245 700/259 83/100 83/14 83/151 83/151S 83/153 83/16 83/16P 83/17 83/170 83/170S 83/175 83/18 83/23 83/23S 83/240 83/250 83/277 83/279 83/385 83/451 83/452 83/454 83/636 83/639.1 83/649 83/649S 83/950 901/7 901/9



Family:

Publication number	Publication date	Application number	Application date
AU199510149 A1	19950720	AU19950010149	19950111
BRPI9500091 A	19951017	BR1995PI00091	19950112
CA2139980 AA	19950714	CA19952139980	19950111
CA2139995 AA	19950714	CA19952139995	19950111
CN1123129 A	19960529	CN19951001764	19950113
DE10020602 A1	20001214	DE20001020602	20000427
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DE19904380 A1	19991014	DE19991004380	19990203
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DE69838531 D1	20071122	DE19986038531	19980429

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EP0663186 A1	19950719	EP19950300199	19950113
EP0663271 A2	19950719	EP19950300200	19950113
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EP1849417 A2	20071031	EP20070075648	19980429
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EP1849417 B1	20120425	EP20070075648	19980429
FR2798578 A1	20010323	FR20000005379	20000427
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JP2000342592 A2	20001212	JP20000128160	20000427
JP3688322 B2	20050824	JP19950021097	19950113
JP3688324 B2	20050824	JP19950021100	19950113
JP4153140 B2	20080917	JP20000128160	20000427
JP8033633 A2	19960206	JP19950021097	19950113
JP8033638 A2	19960206	JP19950021100	19950113
US2001007216 AA	20010712	US20010776658	20010205
US2004007445 AA	20040115	US20030644665	20030820
US5511670 A	19960430	US19940181600	19940113
US5727668 A	19980317	US19960715790	19960919
US5937504 A	19990817	US19970845638	19970430
US6012216 A	20000111	US19970848927	19970430
US6032343 A	20000307	US19980020085	19980206
US6058821 A	20000509	US19970804477	19970221
US6073750 A	20000613	US19970804038	19970224
US6115650 A	20000905	US19980016455	19980130
US6123185 A	20000926	US19970804039	19970224
US6128816 A	20001010	US19970871568	19970604
US6163948 A	20001226	US19990456901	19991208
US6206677 BA	20010327	US19970804478	19970221
US6263558 BA	20010724	US19990300957	19990428
US6264456 BA	20010724	US19950512962	19950809
US6309202 BA	20011030	US19970803573	19970221
US6644464 BA	20031111	US20000543693	20000405
US6800231 BB	20041005	US20010776658	20010205
US6997305 BB	20060214	US20030644665	20030820
ZA9500222 A	19960712	ZA19950000222	19950112

Priority:

CA19952139980 19950111	CA19952139995 19950111	US19940181600 19940113
EP19980303353 19980429	US19940181595 19940113	EP20070075648 19980429
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US19980016455 19980130	US19970848927 19970430	US20010776658 20010205

Probable Assignee: ETHICON INC

Assignee(s): (std)**:** ETHICON INC ; JOHNSON AND JOHNSON

Assignee(s): LENIHAN TIMOTHY ; RATTAN WILLIAM ; ETHICON INC SOMERVILLE ; BLANCH JOHN F ; DEMAREST DAVID ; ETHICON

Inventor(s): (std)**:** BLANCH JOHN ; BLANCH JOHN F ; BLANCH JONH F ; BRANCO RICHARD P ; BRANCO RICHARD PAUL ; CAFONE MATTHEW ; DANIELE ROBERT A ; DAVID DEMAREST ; DEBITSUDO DEMARESUTO ; DEMAREST DAVID ; DEMAREST DAVID D ; ESTEVES ANTHONY ; FOLCH ANDRES ; HODULIK MICHAEL G ; JIYON EFU BURANCHI ; JOHN F BLANCH ; LENIHAN TIMOTHY ; RATTAN WILLIAM ; REINEMUTH GEORGE H ; REINEMUTH GEORGE HORST ; SHAW TERESA ; SHAW TERESA M ; SMITH WILLIAM F ; TEIMOSHII RENIHAN ; TIMOTHY LENIHAN ; TIMOTHY P LENIHAN ; UIRIAMU RATAN ; WILLIAM RATTAN ; LENIHAN TIMOTHY P

Inventor(s): SHAW TERESA PLAINSBORO ; ESTEVES ANTHONY SOMERVILLE ; DEMAREST DAVID D PARSIPPANY ; BLANCH JOHN F TINTON FALLS

Agent(s): SWABEY OGILVY RENAULT; BOEHMERT AND BOEHMERT ANWALTSPARTNERSCHAFT MBB PATENTANWAELTE RECHTSANWAELTE; FISHER ADRIAN JOHN; EMIL RICHARD

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

13) Family number: 17993886 (DE19612647A1)

Title: Automatic provision of receipt equipped night postboxes

Abstract: Source: DE19612647A1 The postbox used in central Europe, customarily provides 'night postboxes' for inhabitants of any authority to 'post' an objection against some law or action becoming obsolete. If there are no objections after certain time, the law becomes obsolete. The object was to keep the peace of the German state. In addition it is proposed in this innovation to use modem copiers to provide replicas of the 'objection' document, valid in court, with data stamp of posting. It is possible to print out documents and receipts for use in court, with recording in memory of posting.

Classifications:
International (IPC 8-9): A47G29/12 G07F17/40 (Advanced/Invention);
A47G29/00 G07F17/00 (Core/Invention)
International (IPC 1-7): B65D91/00
CPC: A47G29/1207 G07F17/40
European: A47G29/12P G07F17/40

Family:

Publication number	Publication date	Application number	Application date
DE19612647 A1	19971002	DE19961012647	19960330

Priority:

DE19961012647 19960330

Probable Assignee: SCHWEINITZ PETRA

Assignee(s): (std): SCHWEINITZ PETRA ; ZANDER GERD

Assignee(s): ZANDER GERD 46045 OBERHAUSEN DE ; SCHWEINITZ PETRA 46045 OBERHAUSEN DE

Inventor(s): (std): SCHWEINITZ PETRA ; ZANDER GERD

Inventor(s): ZANDER GERD 46045 OBERHAUSEN DE ; SCHWEINITZ PETRA 46045 OBERHAUSEN DE

14) Family number: 30380967 (US2004050101A)

Title: GLASSWARE FORMING MACHINE CONTROL SYSTEM

Abstract: Source: US2004050101A A glassware forming machine system includes a glassware forming machine having first operating mechanisms for converting gobs of molten glass into articles of glassware, a gob delivery system having second operating mechanisms for delivering gobs of molten glass to the glassware forming machine, a ware handling system having third operating mechanisms for receiving and conveying articles of glassware from the glassware forming machine, and an electronic control system for controlling and coordinating operation of the first, second and third operating mechanisms. The electronic control system includes a machine controller coupled to the first operating mechanisms of the glassware forming machine for controlling and coordinating operation of the first operating mechanisms to produce articles of glassware. A gob delivery controller is coupled to the second operating mechanisms of the gob delivery system for controlling and coordinating operation of the second operating mechanisms to deliver gobs of molten glass to the glassware forming machine. A ware handling controller is coupled to the third operating mechanisms of the ware handling system for controlling and coordinating operation of the third mechanisms to convey articles of glassware from the glassware forming machine. A serial data bus interconnects the machine controller, the gob delivery controller and the ware handling controller for communication with each other to coordinate with each other operation of the first, second and third operating mechanisms.

Classifications:

International (IPC 8-9): B65D1/00 C03B11/16 C03B9/00 C03B9/40 C03B9/41 G05B19/04 G05B19/042 G05B19/418 (Advanced/Invention); C03B11/16 C03B9/40 C03B9/41 (Advanced/Non-invention); B65D1/00 C03B11/16 C03B9/00 G05B19/00 G05B19/04 G05B19/418 (Core/Invention); C03B G05B (Subclass/Invention)

International (IPC 1-7): B65D1/09 C03B11/16 C03B9/00 C03B9/40 C03B9/41 G05B19/04 G05B19/042 G05B19/418 G05B19/42

CPC: Y10S65/13 G05B19/0421 G05B19/4185 G05B2219/25202 G05B2219/25324 G05B2219/31124 G05B2219/31136 G05B2219/45009 Y02P90/18 Y02P90/08 C03B9/41

European: C03B9/41 G05B19/042M G05B19/418N S05B219/25202 S05B219/25324 S05B219/31124 S05B219/31136 S05B219/45009

US: 65/158 65/158S 65/16 65/160 65/160S 65/163 65/164 65/29.11 65/29.110P 65/DIG.13 700/158

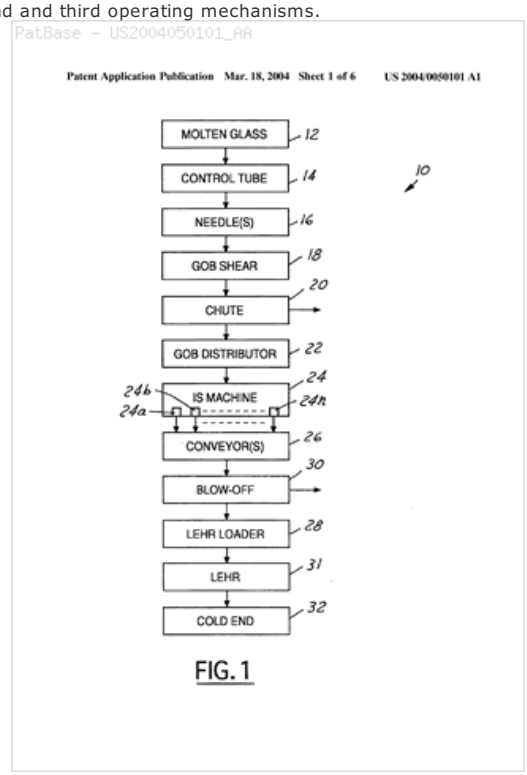

FIG. 1

Family:

Publication number	Publication date	Application number	Application date
AT325081 E	20060615	AT20030759222T	20030903
AU2003274952 AA	20040408	AU20030274952	20030903
AU2003274952 BB	20090903	AU20030274952	20030903
BRPI0314009 A	20050719	BR2003PI14009	20030903
CA2495677 AA	20050215	CA20032495677	20030903
CL2005000309 A1	20051216	CL20050000309	20050216
CL44247 B	20081120	CL20050000309	20050216
CN100374382 C	20080312	CN20038020889	20030903
CN1678538 A	20051005	CN20038020889	20030903
CO5720991 A2	20070131	CO20050019564	20050302
DE60305046 D1	20060608	DE20036005046	20030903
DE60305046 T2	20070412	DE20036005046T	20030903
DK1537052 T3	20060821	DK20030759222T	20030903
ECSP055651 A	20050530	EC2005SP05651	20050307
EP1537052 A1	20050608	EP20030759222	20030903
EP1537052 B1	20060503	EP20030759222	20030903
ES2259767 T3	20061016	ES20030759222T	20030903
IN00308CN2005 A	20070803	IN2005CN00308	20050303
IN219767 B	20080704	IN2005CN00308	20050303

JP2005537215 T2	20051208	JP20040537714T	20030903
JP4662771 B2	20110330	JP20040537714T	20030903
KR101042121 B1	20110616	KR20057003699	20030903
KR20050057143 A	20050616	KR20057003699	20030903
MXPA05002205 A1	20050705	MX2005PA02205	20030903
PL206058 B1	20100630	PL20030373897	20030903
PL373897 A1	20050919	PL20030373897	20030903
PT1537052 T	20060831	PT20030759222T	20030903
RU2005109424 A	20050910	RU20050109424	20030903
RU2337887 C2	20081110	RU20050109424	20030903
SI1537052 T1	20061031	SI20030030369T	20030903
UA80441 C2	20070925	UA20050002924	20030903
US2004050101 AA	20040318	US20020235126	20020903
US7017373 BB	20060328	US20020235126	20020903
WO04026776 A1	20040401	WO2003US27548	20030903
ZA200501548 A	20061025	ZA20050001548	20030903

Priority:

EP20030027548 20030903 EP20030759222 20030903 US20020235126 20020903
WO2003US27548 20030903

Probable Assignee: OWENS BROCKWAY GLASS CONTAINER INC

Assignee(s): (std): BAUER DAVID J ; GREEN THOMAS G ; LEIDY D WAYNE ; OUEHNS BROKVEHJ GLASS KONTEJNE ; REDD MATTHEW D ; OWENS BROCKWAY GLASS CONTAINER ; OWENS BROCKWAY GLASS CONTAINER INC ; WERNER JAY E ; WILDGEN MICHAEL R

Assignee(s): OWENS BROCKWAY GLASS CONTAINER CO LTD ; OWENS BROCKWAY GLASS CONTAINER INC A OF STATE OF DELAWARE CORP ; OWENS BROCKWAY GLASS CONTAINER CO ; OUEHNS BROKVEHJ GLASS KONTEJNER INK

Inventor(s): (std): BAUER DAVID J ; BAUER J ; D WAYNE LEIDY ; DAVID J BAUER ; GREEN G ; GREEN THOMAS G ; JAY E WERNER ; LEIDY D WAYNE ; LEIDY DWAYNE ; WAYNE LEIDY D ; WERNER E ; WERNER JAY E ; WILDGEN MICHAEL R ; WILDGEN R ; VERNER DZHEJ EH ; VAJLDZHEN MAJKL R ; REDD MEHT JU D ; LIDI D UEHJN ; GRIN TOMAS G ; BAUEHR DEJVID DZH ; MATTHEW D REDD ; MICHAEL R WILDGEN ; REDD D ; REDD MATTHEW D ; THOMAS G GREEN

Inventor(s): REDD MEHT'JU D.

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; GOWLING LAFLEUR HENDERSON LLP; JOHANSSON

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

15) Family number: 43573197 (US2010312047A)

Title: METHODS AND INSTRUMENTS FOR TREATING OBESITY

Abstract: Source: US2010312047A The invention relates surgical abdominal methods of treating obesity in a patient by implanting a volume filling device that, when implanted in a patient, reduces the food cavity in size by a volume substantially exceeding the volume of the volume filling device. Also disclosed is a laparoscopic instrument for providing a volume filling device to be invaginated in the stomach wall of a human patient to treat obesity.

Classifications:

International (IPC 8-9): A61B1/04 A61B1/273 A61B1/313 A61B17/00 A61B17/03 A61B17/04 A61B17/064 A61B17/068 A61B17/08 A61B17/30 A61B17/32 A61B17/34 A61B19/00 A61F2/00 A61F2/04 A61F5/00 A61M1/00 A61M29/00 A61M29/02 A61N1/00 A61N1/08 A61N1/36 A61N1/378 (Advanced/Invention);
A61B1/04 A61B1/273 A61B1/313 A61B17/00 A61B17/04 A61B17/064 A61B17/068 A61B17/08 A61B17/30 A61B17/32 A61B17/34 A61F2/04 A61N1/00 A61N1/05 A61N1/36 (Advanced/Non-invention);
A61B17/00 A61B17/068 A61F2/04 A61F5/00 (Core/Invention)

CPC: A61N1/0551 A61B17/0491 A61M2025/1054 A61N1/37223 A61N1/37235 A61B2017/081 A61B2017/00561 A61B2017/308 A61F2005/0016 A61F2005/002 A61F2005/0023 A61F5/005 A61F2002/045 A61B17/320016 A61B17/3474 A61B17/3423 A61B1/3132 A61F5/0086 A61B17/068 A61B2017/00278 A61B2017/00818 A61F5/0033 A61F5/0043 A61F2250/0001 A61F2250/0004 A61B17/0682 A61F2002/044 A61B17/0469 A61B2017/00827 A61B2017/306 A61F5/0036 A61F5/004 A61F5/0046 A61F5/0013 A61F5/0026 A61F5/0073 A61F5/0079 A61N1/36007 A61B17/30 A61B17/00234 A61F5/0069 A61F5/0089 A61F5/003 A61F2/04 A61B1/04 A61B1/2736 A61B17/064 A61B17/08

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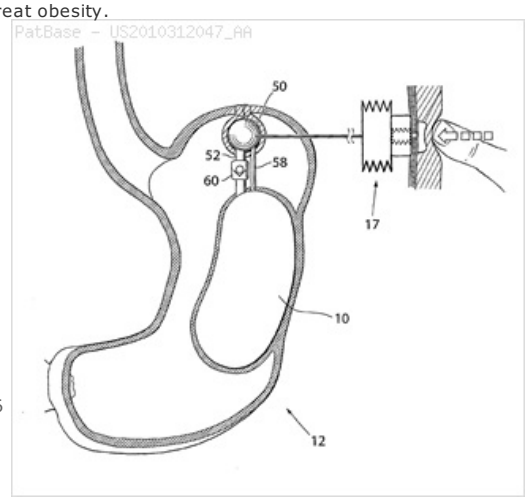

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Probable Assignee: KIRK PROMOTION LTD

Assignee(s): (std): FORSELL PETER ; FORSELL PETER MATS ; IMPLANTICA PATENT LTD ; KIRK PROMOTION LTD ; MILUX HOLDING SA ; MILUX HOLDING S A ; MILUX HOLDINGS SA ; PETER FORSELL

Assignee(s): NAVILYST MEDICAL INC

Inventor(s): (std): FORSELL PETER ; FORSELL PETER MATS ; FOSELL PETER ; PETER FORSELL

Inventor(s): PETER FOSELL

Agent(s): SHELSTON IP; WRAYS PTY LTD; SHELSTON IP PTY LTD; FETHERSTONHAUGH AND CO; KILBURN AND STRODE LLP; AURELL HENRIK; ESTREEN LARS JF; YAMAKAWA MASAKI; NIXON AND VANDERHYE PC; GABRIELA B; BERGENSTRAHLE AND PARTNERS AB; BERGENSTRAHLE AND LINDVALL AB; BERGENSTRAEHLE AND LINDVALL AB; ESTREEN LARS; BERGENSTRAHLE AND LINDVAL AB ET AL

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