

Search history

Search 1: TAC=(Cartridge and air and (compressed or pressur*)) (Results 11152)
Search 2: 1 and pd<20131204 (Results 9558)
Search 3: 2 and (channel* or plenum) (Results 1965)
Search 4: 3 and (button or actuator) (Results 109)
Search 5: 4 and valve (Results 75)

Title: Liquid spray device

Abstract: Source: US5405060A A liquid spray device having an **air** pump (P) which can be actuated by means of a handle (3) and the **pressure air** cushion of which expresses the liquid (5) upon actuation of a headpiece-side outlet **valve** (4) and atomizes it by mixing with the liquid jet. In order to achieve a structurally simple storage which can dispense with springs, there is formed a **cartridge**-receiving space (11) which can be subjected to **air pressure** between the removable headpiece (2) and an **air**-pump handle (3) arranged on the opposite end. In this way, a stable spray jet without afterdrip is obtained.

Classifications:

International (IPC 8-9): B05B11/06 B05B7/24 (Advanced/Invention)

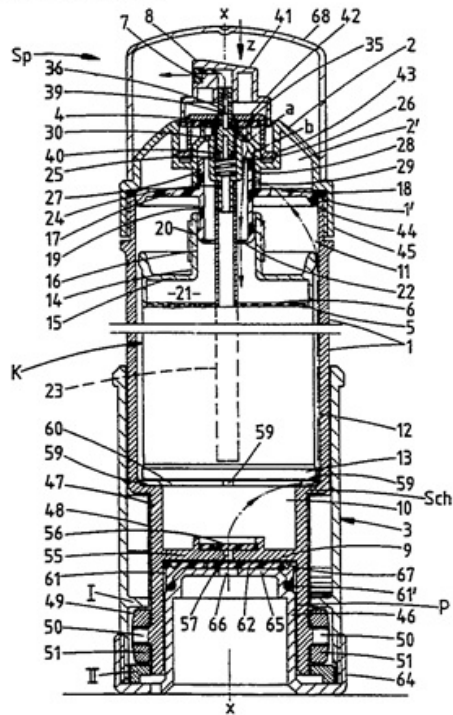
International (IPC 1-7): B05B11/06 B05B11/06 B05B7/02 B05B7/12 B05B7/24 B65D83/00 B65D83/06 F04B19/00

CPC: B05B7/2427 B05B11/06

European: B05B11/06 B05B7/24A3R1

US: 222/325 222/401

PatBase - US5405060_R



Family:

Publication number	Publication date	Application number	Application date
AT116872 E	19950115	AT19900122820T	19901129
DE4004653 A1	19910822	DE19904004653	19900215
DE59008258 D1	19950302	DE19905008258	19901129
DK0442058 T3	19950626	DK19900122820T	19901129
EP0442058 A2	19910821	EP19900122820	19901129
EP0442058 A3	19920219	EP19900122820	19901129
EP0442058 B1	19950111	EP19900122820	19901129
ES2066942 T3	19950316	ES19900122820T	19901129
GR3015745 T3	19950731	GR19950400890T	19950410
US5405060 A	19950411	US19930101798	19930803

Priority:

DE19904004653 19900215 DE19905008258 19901129 US19930101798 19930803
US19910652322 19910208

Probable Assignee: ALFRED VON SCHUCKMANN

Assignee(s): (std): SCHUCKMANN ALFRED VON ; VON SCHUCKMANN ALFRED

Assignee(s): ALFRED VON SCHUCKMANN ; SCHUCKMANN ALFRED VON 4178 KEVELAER DE ; SCHUCKMANN ALFRED VON 47627 KEVELAER DE

Inventor(s): (std): SCHUCKMANN ALFRED VON ; VON SCHUCKMANN ALFRED

Inventor(s): SCHUCKMANN ALFRED VON 47627 KEVELAER DE ; SCHUCKMANN ALFRED VON 4178 KEVELAER DE

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

Title: POWDER INHALER WITH SUCTION ACTUATED LOCKING MEANS

Abstract: Source: US5447151A PCT No. PCT/FR91/00777 Sec. 371 Date Apr. 2, 1993 Sec. 102(e) Date Apr. 2, 1993 PCT Filed Oct. 4, 1991 PCT Pub. No. WO92/05823 PCT Pub. Date Apr. 16, 1992. A powder inhaler comprising a box (1) in which a suction **channel** (84) is formed enabling a user to inhale a powder, the inhaler being characterized in that it includes a pusher (2) associated with a return spring (83), actuation thereof enabling a dose of powder to be brought into a position enabling it to be sucked into the suction **channel** (84), and in that the box (1) includes a locking mechanism enabling the pusher (2) to be locked after it has been actuated, and enabling it to be unlocked when the user sucks up the dose of powder in the **channel** (84).

Classifications:

International (IPC 8-9): A61M15/00 (Advanced/Invention);

A61M11/00 (Advanced/Non-invention);

A61M15/00 (Core/Invention);

A61M11/00 (Core/Non-invention)

International (IPC 1-7): A61M15/00 A61M16/00 B05D7/14 B65D83/06

CPC: A61M15/0023 A61M15/0025 A61M15/0043 A61M15/0051

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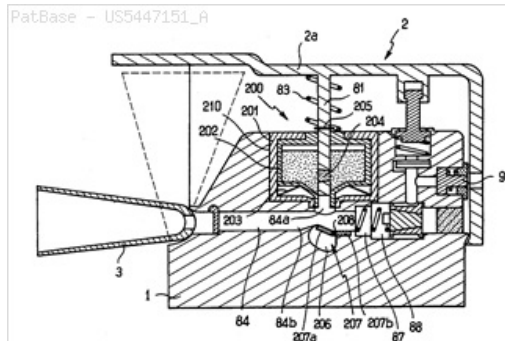
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European: A61M15/00C2 A61M15/00D K61M11/00A1

K61M15/00A20B K61M15/00A20C K61M15/00C1S K61M15/00C2B6

K61M15/00C2D2 K61M15/00T4 K61M202/06B K61M205/60P4

US: 128/203.15 128/203.19



Family:

Publication number	Publication date	Application number	Application date
FR2667509 A1	19920410	FR19900012263	19901004
FR2667509 B1	19950825	FR19900012263	19901004
FR2667790 A1	19920417	FR19910009995	19910806
US5447151 A	19950905	US19930039061	19930402
WO9205823 A1	19920416	WO1991FR00777	19911004
WO9205824 A1	19920416	WO1991FR00778	19911004

Priority:

FR19900012263 19901004 FR19910009995 19910806 WO1991FR00777 19911004

Probable Assignee: VALOIS

Assignee(s): (std): VALOIS

Assignee(s): VALOIS LE PRIEURE F ; BRUNA PASCAL ; BRUNET MICHEL

Inventor(s): (std): BRUNA PASCAL ; BRUNET MICHEL ; PASCAL BRUNA ; MICHEL BRUNET

Inventor(s): VALOIS

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

Title: FLUID TREATMENT SYSTEM AND PROCESS

Abstract: Source: US5418370A A fluid treatment system and process includes structure and steps relating to a gravity fed fluid treatment system. A fluid inlet and a fluid outlet are provided, and an irradiation zone is disposed between the fluid inlet and the fluid outlet. The irradiation zone includes at least one radiation source and has a closed cross-section to confine fluid to be treated within a predefined maximum distance from the at least one radiation source. Cleaning structure is provided to remove undesired materials from an exterior of the radiation source. The cleaning structure comprises a cleaning sleeve surrounding the radiation source and movable with respect thereto. The cleaning solution includes a chamber surrounding and in contact with the exterior of the radiation source, the chamber being supplied with a cleaning solution suitable to remove undesired materials from the exterior of the radiation source.

Classifications:

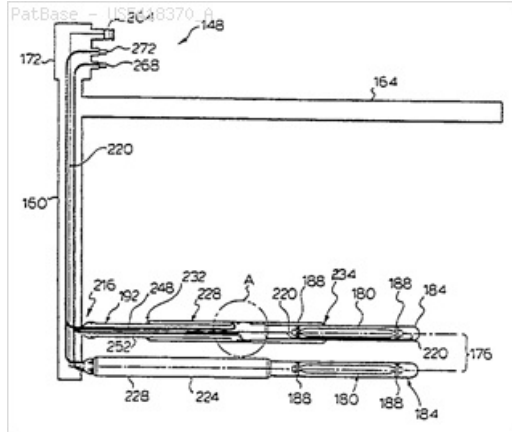
International (IPC 8-9): B01J19/08 B01J19/12 B08B3/02 B08B3/04 B08B3/08 B08B9/02 C02F1/30 C02F1/32 G01J5/02 G02C5/00 H01J61/00 H01J61/38 (Advanced/Invention); B01J19/12 B08B3/02 (Advanced/Non-invention); B01J19/08 B01J19/12 B08B3/02 B08B3/04 B08B3/08 B08B9/02 C02F1/32 G01J5/02 G02C5/00 H01J61/00 (Core/Invention); C02F1/30 (Core/Non-invention); C02F (Subclass/Invention)

International (IPC 1-7): A61L2/10 B01J19/08 B01J19/12 B08B3/02 B08B3/04 B08B3/08 B08B9/02 B26F1/26 C02F1/30 C02F1/32 G01J5/02 G01N21/75 G01N250/431 G02C1/00 G02C5/02 G02C5/12 G02C5/16 H01J61/00 H01J61/38

CPC: G02C5/00 Y10S422/906 B01J19/123 C02F1/325 C02F2201/3227 C02F2201/324 C02F2201/326

European: B01J19/12D2 C02F1/32D G02C5/00 M02F201/322M M02F201/324 M02F201/326

US: 250/372 250/431 250/436 250/438 422/186.3 422/24 422/906

**Family:**

Publication number	Publication date	Application number	Application date
AT162956 E	19980215	AT19940908240T	19940304
AT203492 E	20010815	AT19940112786T	19940304
AT247603 E	20030915	AT19940100934T	19940304
AU199461531 A1	19940926	AU19940061531	19940304
AU199896100 A1	19990722	AU19980096100	19981204
AU200229230 A5	20020516	AU20020029230D	20020328
AU747728 B2	20020523	AU19980096100	19981204
AU782018 B2	20050630	AU20020029230	20020328
BRPI9406347 A	19960213	BR1994PI06347	19940304
CA2117040 AA	19940906	CA19942117040	19940304
CA2117040 C	19990223	CA19942117040	19940304
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CA2239925 C	20000118	CA19942239925	19940304
CA2286309 AA	19940906	CA19942286309	19940304
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CN1081947 C	20020403	CN19941091814	19940304
CN1121320 A	19960424	CN19941091814	19940304
CO4180400 A1	19950607	CO19940026648	19940620
CO4180401 A1	19950607	CO19940026651	19940620
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HU215737 B	19990201	HU19950002580	19940304
HU76196 A2	19970728	HU19950002580	19940304
HU9502580 A0	19951030	HU19950002580	19940304
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JP8509905 T2	19961022	JP19940519423T	19940304
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PL177782 B1	20000131	PL19940310528	19940304
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TW317558 B	19971011	TW19930101619	19930305
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US5590390 A	19961231	US19940318858	19941017
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Priority:

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CA19942239925	19940304	CA19942117040	19940304	EP19970112786	19940304
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US19930026572	19930305				

Probable Assignee: TROJAN TECHN INC

Assignee(s): (std): MAARSCHALKERWEERD JAN M ; TROJAN TECHN INC ; TROJAN TECHNOLOGIES INC ; TROJAN TECHNOLOGIES INC ; TROJAN TECHNOLOGIES INC LONDON ; CVI BETA VENTURES INC ; TROTAN TECHNOLOGIES INC

Assignee(s): TROTAN TECHNOLOGIES INCCA ; MAARSCHALKERWEERD JAN ; TROJAN TECHNOLOGIES INC CA ; TROJAN TECHNOLOGIES INC LONDON ONTARIO CA

Inventor(s): (std): MAARSCHALKER WEERD JAN M ; MAARSCHALKERWEERD JAN ; MAARSCHALKERWEERD JAN M ; MAARSCHALKERWEERD J M ; ZIDER ROBERT B ; MAARSCHALKERWEERD ; KRUMME JOHN F ; MAARSCHALKWEER VAN M ; MAARSCHALKER JAM M ; JM MAARSCHALKERWEERD ; JAN M MAARSCHALKERWEERD ; MAARSCHALKER JAN M

Inventor(s): JAN M MAARSCHALKER ; JAN M ; JAM M MAARSCHALKER ; J M MAARSCHALKERWEERD

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; SARGENT; ERNESTO CAVELIER; SANFORD TCOLB AND CO

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LI LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN TD TG UA US UZ VN

Title: PRINTER SYSTEM FOR PRINTING CIRCUIT PATTERNS OR LIKE ON BASE BOARD

Abstract: Source: US5483879A A printer system for printing a given pattern on a base board is described which includes a screen plate to be positioned above the base board. The screen plate has a perforated print pattern defined thereby. A printer proper is employed which includes an ink container chamber and an ink squeegeeing device. The ink squeegeeing device runs on the screen plate pressing the same against the baseboard while squeegeeing a given amount of viscous ink onto an upper surface of the screen plate. A cleaning device is employed for cleaning residual of ink left on an lower surface of the screen plate and an ink supplier is employed for feeding the ink container chamber of the printer proper with a fresh viscous ink when needed.

Classifications:

International (IPC 8-9): B05C17/04 B41F15/08 B41F15/12 B41F15/40 B41F15/42 B41F31/02 B41F31/08 B41F35/00 B41L13/18 H05K3/12 (Advanced/Invention); H05K3/26 (Advanced/Non-invention); B41F15/08 B41F15/40 B41F31/08 H05K3/12 (Core/Invention); H05K3/26 (Core/Non-invention)

International (IPC 1-7): B05C17/04 B41F15/08 B41F15/40 B41F15/42 B41F15/46 B41F31/02 B41F31/08 B41F35/00 B41L13/18 G03F1/00 H05K3/00 H05K3/12

CPC: B41F15/0818 B41F15/40 B41F15/42 B41F31/08 H05K3/1233 H05K3/26 H05K2203/0126 H05K2203/082 Y10S101/34

European: B41F15/08A4B B41F15/40 B41F15/42 B41F31/08 H05K3/12B4 T05K203/01A5 T05K203/08B T05K3/26

US: 101/115 101/120 101/123 101/129 101/366 101/425 101/DIG.34 118/413

PatBase - US5483879_R

U.S. Patent Jan. 16, 1996 Sheet 1 of 22 5,483,879

FIG.1

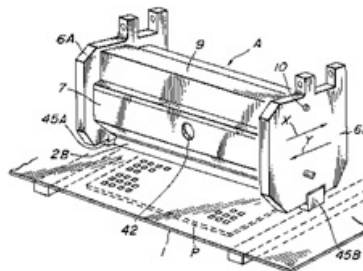
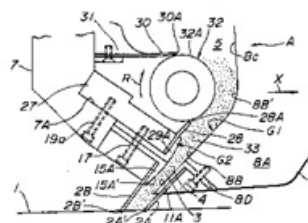


FIG.2



Family:

Publication number	Publication date	Application number	Application date
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CN1101206 A	19950405	CN19941005719	19940512
DE69417946 D1	19990527	DE19946017946	19940511
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DE69429546 D1	20020131	DE19946029546	19940511
DE69429546 T2	20020523	DE19946029546T	19940511
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EP0810091 A3	19980107	EP19970112527	19940511
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JP3345653 B2	20021118	JP19930145326	19930512
JP6320717 A2	19941122	JP19930145326	19930512
MY119065 A	20050331	MY19940001155	19940510
SG41919 A1	19970815	SG19950000685	19940511
SG68007 A1	19991019	SG19970004447	19940511
TH17638 B	20040915	TH19941000912	19940510
TH22848 A	19970107	TH19941000912	19940510
US5483879 A	19960116	US19940237364	19940503
US5579690 A	19961203	US19950477360	19950607
US5590596 A	19970107	US19950522111	19950831
US5640907 A	19970624	US19950477359	19950607
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Priority:

CA19942123070 19940506	EP19940107395 19940511	SG19850095006 19940511
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Probable Assignee: TANI ELECTRONICS IND CO LTD

Assignee(s): (std): TANI ELECTRONICS IND CO L ; TANI DENKI KOGYO KK ; TANI ELECTRONIC IND CO LT ; TANI ELECTRONIC INDUSTRY CO LT

Assignee(s): TANI ELECTRONIC INDUSTRY CO LTD ; TANI ELECTRONICS IND ; TANI ELECTRONIC INDUSTRY CO ; TANI ELECTRONIC IND CO ; TANI ELECTRONICS INDUSTRY CO LTD TOKIO TOKYO JP ; TANI ELECTRONICS INDUSTRY CO LTD TOKIO TOKYO ; TANI ELECTRONICS INDUSTRY CO ; TANI ELECTRONICS IND CO LTD ; TANI ELECTRONICS INDUSTRY CO LTD ; TANI OKIE ; Tani Electronics

Industries Co. ; TANI ELECTRONICS IND CO

Inventor(s): (std): NANZAI TAKASHI ; OKIE TANI ; TANI OKIE ; TANI OKIE C O TANI ELECTRONICS

Inventor(s): TANI OKIE C O TANI ELECTRONICS IND CO LTD ; TANI OKIE C O TANI ELECTRONICS IND CO LTD
TOKYO JP

Agent(s): ROBIC

Designated states: DE FR GB

Title: Handloetgeraet mit Aufnahmekammer Hand soldering stations with holding chamber (Machine translation)

Abstract: Source: DE9415884U1 (Claim 1) Anmelder: Feinler Siegfried, D-78549 Spaichingen Bezeichnung: Handloetgeraet mit Aufnahmekammer Schutzansprueche 1. Handloetgeraet bestehend aus einem waeremeisolierten Griffteil, einer Loetspitze und einer Heizvorrichtung, welche die Loettemperatur erzeugt, dadurch gekennzeichnet, dass im Griffteil (2) und/oder im Bereich der Heizvorrichtung (3) wenigstens eine Aufnahmekammer (12,27, 48) fuer Loetwerkstoff und/oder Flussmittel vorgesehen ist, aus welcher der Loetspitze (4) ueber wenigstens einen Zufuhrkanal (60, 61,63) der Loetwerkstoff und/oder das Flussmittel dosiert zufuehrbar ist und/oder in welche ueber den Zufuhrkanal (62,63) ueberschuessiger Loetwerkstoff und/oder ueberschuessiges Flussmittel von der Loetstelle absaugbar ist.

Machine translation: (Claim 1) Applicant: Feinler Siegfried, D-78549 Spaichingen name: first receiving chamber with hand soldering Schutzansprueche Hand soldering consisting waeremeisolierten of a handle portion, a soldering iron and a heater, which generates the soldering temperature, wherein the handle portion (2) and / or in the field of heating device (3) at least one receiving chamber (12,27, 48) for soldering materials and / or fluxes is provided from which the tip (4) over at least one supply **channel** (60, 61.63) of soldering materials and / or the flux measured doses supplied and / or what about the supply **channel** (62.63) by shu Essiger soldering materials and / or vinegar over shu flux from the solder joint is sucked.

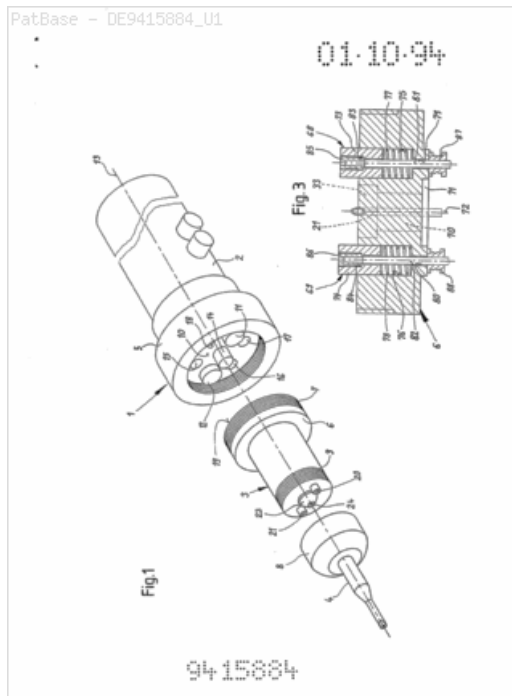
Classifications:

International (IPC 8-9): B23K3/03 B23K3/06 (Advanced/Invention); B23K3/02 B23K3/06 (Core/Invention)

International (IPC 1-7): B23K3/03

CPC: B23K3/0338 B23K3/0615

European: B23K3/03J B23K3/06B2



Family:

Publication number	Publication date	Application number	Application date
DE9415884 U1	19941222	DE19940015884U	19941001

Priority:

DE19940015884U 19941001

Probable Assignee: FEINLER SIEGFRIED DIPL ING

Assignee(s): (std): FEINLER SIEGFRIED DIPL ING

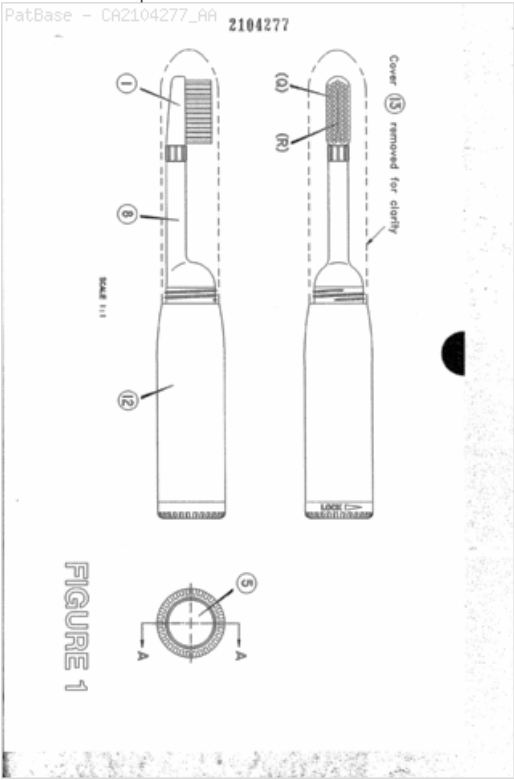
Assignee(s): FEINLER SIEGFRIED DIPL ING 78549 SPAICHINGEN DE

Title: COMBINATION OF TOOTHBRUSH AND TOOTHPASTE DISPENSER

Abstract: Source: CA2104277A A COMBINATION OF TOOTHBRUSH AND TOOTHPASTE DISPENSER ABSTRACT. The present invention relates to a portable dental care combination comprising a toothbrush head and a toothpaste dispenser. The toothbrush head (1) is removable and replaceable, it connects to a handle through a neck elongation (8). The cavity within the handle defines a **pressure** chamber (P) containing a flexible collapsible **cartridge** (3), the **cartridge** holds the toothpaste. The end of the handle is attached to a push-**button air** pump (5) that forces equal volumes of **pressurized air** into said **pressure** chamber (P). The **cartridge** under a positive **pressure** in the **pressure** chamber collapses forcing the toothpaste into a **channel** within the neck elongation to a dispensing **valve** (4) thence to the toothbrush head to be delivered to the base of the bristles through a slot. Upon full collapse of the **cartridge** and complete depletion of the toothpaste, further **pressure** build up in the chamber will vent to the outside through relief **valve** (6) following passage (N) indicating the need to refill the **cartridge** with fresh toothpaste, or as an alternative purchase a new one.

Classifications:

International (ipc 8-9): A46B11/00 (Advanced/Invention);
A46B11/00 (Core/Invention)
International (ipc 1-7): A46B11/00
CPC: A46B11/0041
European: A46B11/00C6C



Family:

Publication number	Publication date	Application number	Application date
CA2104277 AA	19950218	CA19932104277	19930817

Priority:

CA19932104277 19930817

Probable Assignee:

NASR NOUR A

Assignee(s): (std):

NASR NOUR A

Inventor(s): (std):

NASR NOUR A

Title: APPARATUS AND METHODS FOR DISPERSING DRY POWDER MEDICAMENTS

Abstract: Source: US5740794A A method for aerosolizing a powdered medicament comprises coupling a powder inlet end of a feed tube with a penetration in a receptacle containing the powder. Powder is drawn upward through the tube and dispersed in a high **pressure** gas stream flowing past a portion of the feed tube. Apparatus comprise the feed tube mounted within a base enclosure proximate a holder for one or more receptacles, which may be in the form of a **cartridge** containing a plurality of receptacles formed in a continuous web. The **cartridge** may be reciprocated relative to the feed tube and a separate piercing mechanism in order to sequentially piercing the receptacle and thereafter couple the feed tube through the resulting penetration for extracting the powder. Alternatively, penetration(s) through the receptacle may be formed as the feed tube is coupled, or some penetrations formed prior to coupling with other penetrations formed at the time of coupling.

FDA Data:

Application number	Active ingredient	Proprietary name	Applicant	Date of approval
021868	INSULIN RECOMBINANT HUMAN	EXUBERA	PFIZER	Jan 27, 2006

Classifications:

International (IPC 8-9): A61M15/00 A61M16/00 B05B7/14 B05D7/14 B65D83/06 (Advanced/Invention); A61M15/00 (Advanced/Non-invention); A61M (Subclass/Invention)

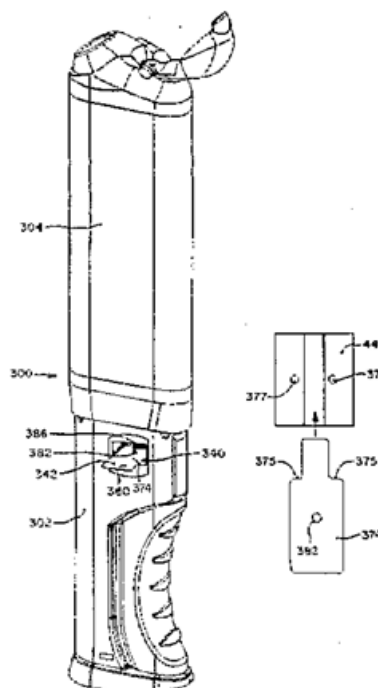
International (IPC 1-7): A61M15/00 A61M16/00 B05B7/04 B05B7/14 B05B7/24 B05D1/02 B05D7/14 B65D83/06 F04F5/20

CPC: A61M15/0036 A61M15/0041 A61M15/0051 A61M15/0055 A61M15/004 A61M15/0045 A61M2202/064 A61M2205/0233 A61M2205/073 A61M15/0086 A61M2205/6045

European: A61M15/00C2 K61M15/00C1P1A K61M15/00C1P3 K61M15/00C1P4 K61M15/00C2B6 K61M15/00C2D2 K61M15/00K K61M202/06B K61M205/02K K61M205/07A1 K61M205/60H

US: 128/203.15 128/203.21

PatBase - US5740794_A

**Family:**

Publication number	Publication date	Application number	Application date
AR042921 AB	20050706	AR2004P100206	20040123
CA2200727 AA	19970321	CA19952200727	19950915
CA2200727 C	20061128	CA19952200727	19950915
CL1995001432 A1	19960806	CL19950001432	19950921
CL1999002808 A1	20001011	CL19990002808	19991130
CN1131080 C	20031217	CN19951095192	19950915
CN1160358 A	19970924	CN19951095192	19950915
CN1318104 C	20070530	CN200310104735	19950915
CN1494951 A	20040512	CN200310104735	19950915
DE69535725 D1	20080417	DE19956035725	19950915
DE69535725 T2	20090319	DE19956035725T	19950915
IL115369 A0	19951231	IL19950115369	19950920
IL115369 A1	20000716	IL19950115369	19950920
KR100399844 B1	20031224	KR19970701806	19970320
KR100399845 B1	20030929	KR20037008881	20030630
KR100400063 B1	20030929	KR20037008880	20030630
KR19970706033 A	19971103	KR19970701806	19970320
NO20080655 A	19970520	NO20080000655	20080206
RU97106352 A	19990510	RU19970106352	19970421
US5740794 A	19980421	US19950487184	19950607
WO9609085 A1	19960328	WO1995US11655	19950915

Priority:

KR19970701806 19970320 US19940309691 19940921 US19950487184 19950607
WO1995US11655 19950915

Probable Assignee: NEKTAR THERAPEUTICS

Assignee(s): (std): INHALE THERAPEUTIC SYST ; NAKERTA MEDICAL CO ; NEKTAR THERAPEUTICS ; NYCOTA MEDICINE INC

Assignee(s): SMITH ADRIAN E ; PLATZ ROBERT M ; NOVARTIS PHARMA AG ; INHALE THERAPEUTIC SYSTEMS INC ; LYONS SHIRLEY W ; NOVARTIS AG ; INHALE THERAPEUTIC SYSTEMS INC SOC ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE ; INHALE THERAPEUTIC SYSTEMS ; AXFORD GEORGE S ; BURR JOHN D ; ETTER JEFFREY W

Inventor(s): (std): ANTHONY JACK M ; AXFORD GEORGE S ; BULL J D ; BURR JOHN D ; ETER J W ; ETTER JEFFREY W ; LYONS SHIRLEY W ; PLATZ ROBERT M ; SMITH A E ; SMITH ADRIAN E ; ETER A E SMITH J D BULL J W ; AXFORD GEORG S

Inventor(s): A E SMITH J D BULL J W ETER ; ADRIAN E SMITH ; AE SMITH ; AE SMITH JD BULL JW ETER ; SHIRLEY W LYONS ; ROBERT M PLATZ ; JOHN BURR ; J W ETER ; J D BULL ; GEORGE S AXFORD ; A E SMITH ; JD BULL ; JEFFREY W ETTER ; JOHN D BURR ; JW ETER

Agent(s): GOWLING LAFLEUR HENDERSON LLP; VILLASECA; WOLFF BREGMAN AND GOLLER

Designated states: AT AU BE BR CA CH CN CZ DE DK ES FI FR GB GR HU IE IT JP KR LI LU MC MX NL NO NZ PL PT RU SE

Title: Combination soldering and desoldering device with flux and solder storage chambers

Abstract: Source: US5945015A PCT No. PCT/EP95/03820 Sec. 371 Date Mar. 27, 1997 Sec. 102(e) Date Mar. 27, 1997 PCT Filed Sep. 27, 1995 PCT Pub. No. WO96/10467 PCT Pub. Date Apr. 11, 1996 More particularly, the invention relates to a hand soldering device including a heat insulating handle part, a soldering tip and a heating device, by means of which the soldering tip can be heated to particular soldering temperature, whereby in the handle part and/or in the region of the heating device at least two reception chambers are provided.

Classifications:

International (IPC 8-9): B23K1/018 B23K3/00 B23K3/02 B23K3/06 B23K3/08 H01L21/28 H01L21/336 H01L21/8247 H01L29/423 (Advanced/Invention);

B23K1/018 B23K3/02 (Advanced/Non-invention);

B23K1/018 B23K3/00 B23K3/02 B23K3/06 H01L21/02 H01L21/70

H01L29/40 (Core/Invention);

B23K3/00 (Core/Non-invention)

International (IPC 1-7): B23K B23K1/018 B23K3/00 B23K3/02

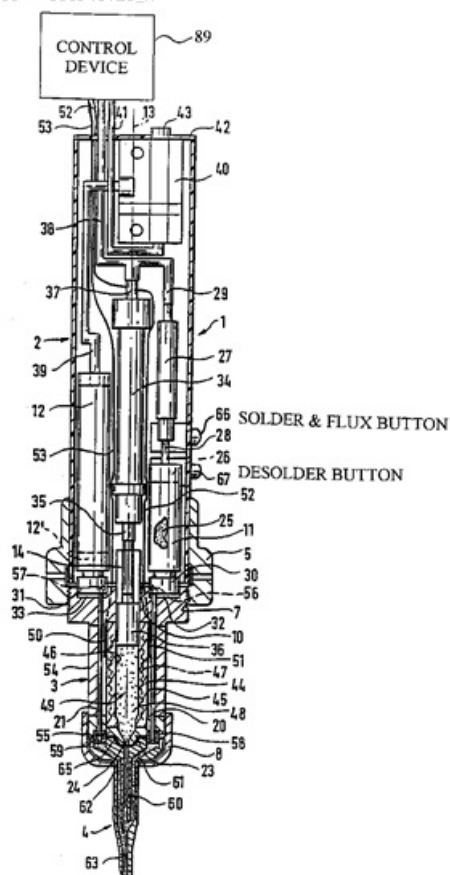
B23K3/03 B23K3/06 H05B1/00

CPC: B23K3/0615 B23K3/082

European: B23K3/06B2 B23K3/08B

US: 219/229 228/51

PatBase - US5945015_A



Family:

Publication number	Publication date	Application number	Application date
AT174244 E	19981215	AT19950935390T	19950927
AU199537431 A1	19960426	AU19950037431	19950927
AU698192 B2	19981029	AU19950037431	19950927
CA2201322 AA	19970327	CA19952201322	19950927
CZ286518 B6	20000517	CZ19970000902	19950927
CZ9700902 A3	19970716	CZ19970000902	19950927
DE4435323 A1	19960404	DE19944435323	19941001
DE4435323 C2	20000224	DE19944435323	19941001
DE59504510 D1	19990121	DE19955004510	19950927
DK0783391 T3	19990719	DK19950935390T	19950927
EP0783391 A1	19970716	EP19950935390	19950927
EP0783391 B1	19981209	EP19950935390	19950927
ES2128088 T3	19990501	ES19950935390T	19950927
JP10507688 T2	19980728	JP19960511378T	19950927
KR19977006100 A	19971103	KR19977002124	19950927
PL179245 B1	20000831	PL19950319607	19950927
PL319607 A1	19970818	PL19950319607	19950927
SI9520097 A	19971031	SI19950020097	19951001
TW276206 B	19960521	TW19950110222	19950930
US5945015 A	19990831	US19970817334	19970327
WO9610467 A1	19960411	WO1995EP03820	19950927
ZA9508204 A	19960523	ZA19950008204	19950929

Priority:

DE19944435323 19941001 DE19955004510 19950927 WO1995EP03820 19950927

Probable Assignee: SIEGFRIED FEINLERDE

Assignee(s): (std): FEINLER SIEGFRIED ; FEINLER SIEGFRIED DIPL ING ; SIEGFRIED FEINLER

Assignee(s): SIEGFRIED FEINLERDE ; FEINLER SIEGFRIED DIPL ING 78549 SPAICHINGEN DE ; FEINLER SIEGFRIED 78549 SPAICHINGEN DE

Inventor(s): (std): FEINLER SIEGFRIED ; FEINLER SIEGFRIED DIPL ING

Inventor(s): FEINLER SIEGFRIED 78549 SPAICHINGEN DE ; SIEGFRIED FEINLER ; FEINLER SIEGFRIED DIPL ING 78549 SPAICHINGEN DE

Agent(s): ASPEN PHARMA PTY LTD; SPRUSON AND FERGUSON; MACRAE AND CO

Designated states: AM AT AU BE BG BY CA CH CN CZ DE DK EE ES FI FR GB GE GR HU IE IS IT JP KG KP KR KZ LI LT LU
LV MC MD NL NO PL PT RO RU SE SI SK TJ UA US UZ

Title: APARATO Y METODOS PARA DISPERSAR MEDICAMENTOS EN POLVO SECO APPARATUS AND METHODS FOR DISPERSING DRY POWDER DRUG (Machine translation)

Abstract: Source: CO4440483A 1. UN METODO PARA AEROSOLIZAR UN POLVO CONTENIDO EN UN RECEPTACULO QUE CONSTA DE UNA SUPERFICIE DE ACCESO, COMPRENDIENDO DICHO METODO: ACOPLAR UN EXTREMO DE ENTRADA DE POLVO DE UN TUBO DE ALIMENTACION CON UNA PENETRACION EN LA SUPERFICIE DE ACCESO; Y HACER FLUIR UNA CORRIENTE DE GAS DE ALTA PRESION POR UNA PORCION DEL TUBO DE ALIMENTACION, DE MANERA QUE LA CANTIDAD PREDETERMINADA DE POLVO PRESENTE EN EL RECEPTACULO SE FLUIDIFIQUE, SEA ARRASTRADA AXIALMENTE POR EL TUBO, Y DISPERSADA EN LA CORRIENTE DE AIRE DE ALTA VELOCIDAD PARA FORMAR UN AEROSOL. 4. UN APARATO PARA AEROSOLIZAR UN POLVO CONTENIDO EN UN RECEPTACULO QUE TIENE UNA SUPERFICIE DE ACCESO PERFORABLE, COMPRENDIENDO DICHO APARATO: UNA ENVOLTURA BASE; UN SUJETADOR DENTRO DE LA ENVOLTURA BASE PARA SOSTENER EL RECEPTACULO EN UN SITIO DE FLUIDIFICACION; UN TUBO DE ALIMENTACION DENTRO DE LA ENVOLTURA BASE QUE TIENE UN EXTREMO DE ENTRADA EN UN SITIO DE FLUIDIFICACION; Y MEDIOS PARA HACER FLUIR UNA CORRIENTE DE GAS A ALTA PRESION PASANDO POR UNA PORCION DEL TUBO DE ALIMENTACION, EN EL CUAL EL POLVO SE FLUIDIFICA PARTIENDO DE UN RECEPTACULO EN EL SUJETADOR Y EXTRAIDO AXIALMENTE A TRAVES DEL TUBO Y DISPERSADO EN LA CORRIENTE DE AIRE A ALTA PRESION PARA FORMAR UN AEROSOL. FIGURA 1 1. A method for aerosolizing A powder contained in a receptacle comprising an ACCESS AREA, said method comprising: coupling an inlet end of the feeding tube with a penetration on the surface ACCESS; And flowing a stream of high **pressure** gas for a portion of the feeding tube, MANE- RA OF THE DUST predetermined amount present in the receptacle is fluidized, entrained DA SEA axially through the tube and dispersed in the stream of high velocity **air** to form an aerosol. 4. AN APPARATUS FOR aerosolized powder contained in a receptacle having a surface pierceable access, said apparatus comprising: a base shell; A BRA within the casing base for supporting the container in a place of FLUIDIFICATION; A feeding tube within the casing BA know he has an inlet end in a place of fluidization; And means for flowing a stream of high-**pressure** gas passing through a portion of the tube supply in which the powder is fluidized STARTING FROM A receptacle at the BRA and withdrawn axially through the tube and dispersed DO IN THE CURRENT high **pressure air** to form an aerosol. Figure 1

Classifications:

International (IPC 8-9): A61J3/00 (Advanced/Invention);

A61J3/00 (Core/Invention)

International (IPC 1-7): A61J3/00

Family:

Publication number	Publication date	Application number	Application date
CO4440483 A1	19970507	CO19950044568	19950926

Priority:

CO19950044568 19950926

Probable Assignee: INHALE THERAPEUTIC SYST

Assignee(s): (std): INHALE THERAPEUTIC SYST

Assignee(s): INHALE THERAPEUTIC SYSTEMS

Inventor(s): (std): AXFORD GEORGE S ; BURR JOHN D ; ETTER JEFFREY W ; PLATZ ROBERT M ; SHIRLEY W LYONS ; SMITH ADRIAN E

Inventor(s): ROBERT M PLATZ ; GEORGE S AXFORD ; JEFFREY W ETTER ; JOHN D BURR ; LYONS SHIRLEY W ; ADRIAN E SMITH

Agent(s): ERNESTO CAVELIER

Title: WATER TANK PROVIDED WITH CHEMICAL SUSTAINED RELEASE DEVICE

Abstract: Source: JP9182684A PROBLEM TO BE SOLVED: To elongate a possible storing period of water tank water by letting water tank water invade from a water distribution pipe in a water tank water circulation unit into a chemical sustained release **cartridge** to emit a saturated water solution of a water-soluble disinfectant into the water tank water, and circulating the water tank water after it is disinfected by the emitted disinfectant to a water tank. SOLUTION: Bathwater is sucked to an upstream end of a water distribution pipe 3 by actuation of a circulation pump 4 to be circulated from a downstream end of the water distribution pipe 3 to a bathtub. When the bathwater sucked to the water distribution pipe 3 passes a water purifying device 5, turbidity components such as dust, organic matter, etc., are eliminated from the bathwater. The bathwater after the turbidity components are eliminated passes the water distribution pipe 3 to flow into a swollen part 3a. Part of the bathwater flowing into the swollen part 3a passes a porous film to flow into a chemical sustained release **cartridge** 6, while the rest of it flows around the chemical sustained release **cartridge** 6, to flow into the water distribution pipe 3 on the downstream side of the swollen part 3a. In the bathwater flowing into the chemical sustained release **cartridge** 6, a disinfectant is dissolved, and it is then mixed with the rest of the bathwater.

Classifications:

International (IPC 8-9): A47K3/00 A47K3/28 B05B1/00 B05B1/18 B05B7/24 C02F1/68 E03D9/03 E03D9/08 F28C1/00 (Advanced/Invention);

B05B1/18 (Advanced/Non-invention);

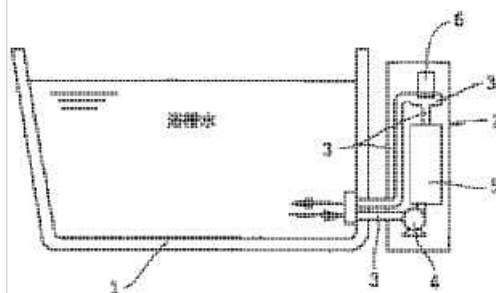
A47K3/00 A47K3/28 B05B1/00 B05B1/18 B05B7/24 C02F1/68

E03D9/02 E03D9/08 F28C1/00 (Core/Invention);

B05B1/18 (Core/Non-invention)

International (IPC 1-7): A47K3/00 A47K3/28 B05B1/00 B05B1/18 B05B7/24 C02F1/68 E03D9/03 E03D9/08 F28C1/00

PatBase - JP9182684_A2



Family:

Publication number	Publication date	Application number	Application date
JP2001300357 A2	20011030	JP20010092011	20010328
JP9182684 A2	19970715	JP19960279699	19961022
JP9184179 A2	19970715	JP19960279702	19961022
JP9184181 A2	19970715	JP19960279701	19961022
JP9184690 A2	19970715	JP19960279710	19961022
JP9187680 A2	19970722	JP19960279703	19961022
JP9187681 A2	19970722	JP19960282679	19961024
JP9187777 A2	19970722	JP19960279700	19961022

Priority:

JP19950308581 19951102	JP19960279699 19961022	JP19960279702 19961022
JP19960279701 19961022	JP19960279703 19961022	JP19960279700 19961022
JP19960279710 19961022	JP19960282679 19961024	JP20010092011 20010328

Probable Assignee: TOTO LTD

Assignee(s): (std): TOTO LTD

Inventor(s): (std): HATONO HIRONORI ; IMASAKA TAKAO ; KITAZAKI SATOSHI ; WAJIMA NAOHITO

Title: APPARATUS AND METHODS FOR DISPERSING DRY POWDER MEDICAMENTS.

Abstract: A METHOD FOR AEROSOLIZING A POWDERED MEDICAMENT COMPRISES COUPLING A POWDER INLET END OF A FEED TUBE (14) WITH A PENETRATION IN A RECEPTACLE (12) CONTAINING FEE POWDER. POWDER IS DRAWN UPWARD FEROUTFI FEE TUBE AND DISPERSED IN A HIGH **PRESSURE** GAS STREAM FLOWING PAST A PORTION OF THE FEED TUBE. APPARATUS COMPRISES THE FEED TUBE MOUNTED WITHIN A BASE ENCLOSURE PROXIMATE A HOLDER FOR ONE OR MORE RECEPTACLES, WHICH MAY BE FORMED IN A CONTINUOUS WEB PLACED IN A **CARTRIDGE** (22). A SEPARATE PIERCING MECHANISM (26) MAY BE PROVIDED. • » J L -1-

Classifications:

International (ipc 1-7): A61M15/00 A61M16/00 B65D83/06

Family:

Publication number	Publication date	Application number	Application date
MX9702117 A1	19980430	MX19970002117	19950915

Priority:

US19940309661 19940921 US19950487184 19950607 WO1995US11655 19950915

Probable Assignee: INHALE THERAPEUTIC SYST

Assignee(s): (std): INHALE THERAPEUTIC SYST

Assignee(s): INHALE THERAPEUTIC SYSTEMS

Inventor(s): (std): AXFORD GEORGE S ; BURR JOHN D ; ETTER JEFFREY W ; LYONS SHIRLEY W ; PLATZ ROBERT M ; SMITH ADRIAN W

Inventor(s): ADRIAN W SMITH ; ROBERT M PLATZ ; SHIRLEY W LYONS ; GEORGE S AXFORD ; JEFFREY W ETTER ; JOHN D BURR