

Search history

Search 1: ((taper* or conic) and (plug or stopper) and (machine W1 washing)) and PD<20170608 (Results 763)

Search 2: SFT=(((taper* or conic) and (plug or stopper) and (machine W1 washing))) and PD<20170608 (Results 704)

Search 3: TAC=((taper* or conic) and (plug or stopper) and (machine W1 washing)) and PD<20170608 (Results 43)

Title: ADAPTER FOR COUPLING A DOSING SYSTEM TO A WATER SUPPLY LINE

Abstract: Adapter for coupling a dosing system to a water supply line, comprising a water inlet and a water outlet, which may be coupled to a water supply line, such that water can flow through the adapter and means for fixing a dosing device on or in the adapter, wherein the dosing device comprises a controller, a sensor unit, at least one actuator, connected to a power source and the controller such that a control signal from the controller brings about a movement of the actuator whereupon a product release is carried out or stopped. The means for fixing the dosing device on or in the adapter and the dosing device are designed such that in the coupled state a fluid-tight connection is formed between the adapter and the dosing device which prevents inflow of water into the adapter and an outflow of flowing water from the adapter.

Classifications:

International (IPC 8-9): A47L15/42 A47L15/44 A47L15/46 A47L15/50 B08B3/00 B67D3/00 B67D7/06 B67D7/58 B67D7/74 B67D7/78 D06F29/02 D06F39/02 D06F39/08 F16K31/08 G01F11/32 H01F7/16 (Advanced/Invention);

A47L15/42 A47L15/44 D06F39/02 (Advanced/Non-invention);

A47L15/42 A47L15/44 D06F39/02 D06F39/08 F16K31/08 G01F11/00

H01F7/08 (Core/Invention)

CPC: A47L15/0055 A47L15/006 A47L2401/20 A47L2501/07

A47L15/4472 D06F33/02 D06F39/022 D06F2210/00 A47L2401/12

A47L2401/30 A47L2401/32 F16K31/082 G01F11/32 H01F7/1615

Y10T137/9029 A47L15/4463 A47L15/4454 D06F39/02 D06F39/024

D06F39/088

European: A47L15/00C10 A47L15/00C14 A47L15/44D2 A47L15/44F

A47L15/44G D06F33/02 D06F39/02 D06F39/02B D06F39/02C

D06F39/08S F16K31/08E G01F11/32 H01F7/16A1 K47L401/12

K47L401/20 K47L401/30 K47L401/32 K47L501/07 N06F210/00

US: 134/56.00DP 134/56.00DS 134/56D 134/93 134/93P 134/99.2

137/798 137/798S 222/1 222/129 222/145.1 222/1P 222/325 222/325S 222/372 222/504 222/504S 222/52 222/52S 222/544

68/12.18 68/12.180S 68/17.00RS 68/17R

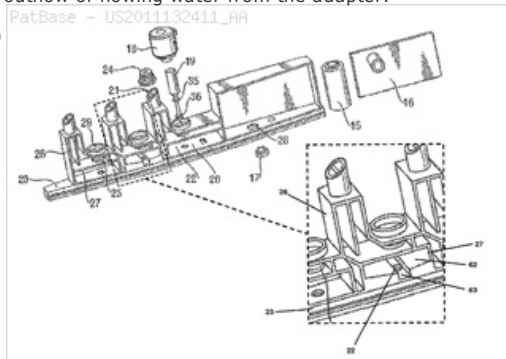
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3B166/FB05 3B166/FB08 3B166/GA05 3B166/GA16 3B166/JM01 3B166/JM03

JP F-Index: A47L15/44 A47L15/50 D06F39/02/A



Family:

Publication number	Publication date	Application number	Application date
CA2731100 AA	20100121	CA20092731100	20090714
CN102088893 A	20110608	CN200980127256	20090714
CN102088894 A	20110608	CN200980127291	20090714
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DE102008033100 A1	20100121	DE200810033100	20080715
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DE102008033237 A1	20100121	DE200810033237	20080715
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DE502009011160 D1	20150730	DE200950011160T	20090714
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EP2296520 A2	20110323	EP20090777177	20090714
EP2296520 B1	20160316	EP20090777177	20090714
EP2296521 A1	20110323	EP20090780546	20090714
EP2296522 A1	20110323	EP20090780553	20090714
EP2296522 B1	20150107	EP20090780553	20090714
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EP2299892 A1	20110330	EP20090780541	20090714
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EP2303091 A1	20110406	EP20090780543	20090714
EP2303092 A2	20110406	EP20090780548	20090714
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EP2395900 A2	20111221	EP20100703000	20100127
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EP2398952 B1	20121128	EP20100701821	20100127
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EP3059480 B1	20180606	EP20160151868	20090714
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ES2547079 T3	20151001	ES20090780541T	20090714
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ES2676276 T3	20180718	ES20160151868T	20090714
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JP2011527922 T2	20111110	JP20110517902T	20090714
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KR20110052578 A	20110518	KR20117001107	20090714
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PL2297500 T3	20160930	PL20090780549T	20090714
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TR201504173 T4	20150521	TR20150004173T	20090714
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US2011139818 AA	20110616	US20110005026	20110112
US2011139820 AA	20110616	US20110987681	20110110
US2011174341 AA	20110721	US20110986322	20110107
US2011174346 AA	20110721	US20110986275	20110107
US2011204096 AA	20110825	US20110987742	20110110
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US2012017953 AA	20120126	US20110207698	20110811
US2012018451 AA	20120126	US20110207736	20110811
US8631972 BB	20140121	US20110987681	20110110
WO10006761 A2	20100121	WO2009EP05107	20090714
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WO10007043 A2	20100121	WO2009EP58956	20090714
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WO10007050 A1	20100121	WO2009EP58964	20090714
WO10007051 A2	20100121	WO2009EP58966	20090714
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WO10007052 A2	20100121	WO2009EP58967	20090714
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WO10007054 A1	20100121	WO2009EP58972	20090714
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WO10094386 A1	20100826	WO2010EP00456	20100127
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Priority:

DE200810033100 20080715	DE200810033102 20080715	DE200810033107 20080715
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WO2010EP00511 20100128		

Probable Assignee: HENKEL AND CO KGAA AG

Assignee(s): (std): HENKEL AG AND CO KGAA ; NGUYEN BA LOC ; HOHENADEL KARL HEINZ ; NGUYEN BALOC ; KESSLER ARND ; JANS GEROLD ; MUEHLHAUSEN HANS GEORG ; HENKEL KG AND CO KGAA ; HENKEL AND CO KGAA AG ; BASTIGKEIT THORSTEN ; EICHHOLZ DIETER ; FILECCIA SALVATOR ; FILECCIA SALVATORE ; PASTERNAK MICHAEL ; SCHMALZ ROLAND ; NITSCH CHRISTIAN ; OTT ELMAR

Assignee(s): HENKEL AG AND CO ; HENKEL AND CO AG ; HENKEL AND COKGAA AG ; HENKEL CO KGAA AG

Inventor(s): (std): BASTIGKEIT THORSTEN ; EICHHOLZ HEINZ DIETER ; FILECCIA SALVATORE ; HOHENADEL KARL HEINZ ; JANS GEROLD ; KESSLER ARND ; MUEHLHAUSEN HANS GEORG ; NGUYEN BA LOC ; NGUYEN BALOC ; NITSCH CHRISTIAN ; OTT ELMAR ; PASTERNAK MICHAEL ; SCHMALZ ROLAND ; SALVATORE FILECCIA ; ROLAND SCHMALZ ; LOC NGUYEN BA ; HANS GEORG MUEHLHAUSEN ; GEROLD JANS ; FILECCIA SALVATOR ; EICHHOLZ DIETER ; DIETER EICHHOLZ ; ARND KESSLER

Inventor(s): HANS GEORG MUHLHAUSEN ; BA LOC NGUYEN

Agent(s): NORTON ROSE OR SENCRL SRL LLP; ISERN JORGE; AHMET BASALAN; DAVID K

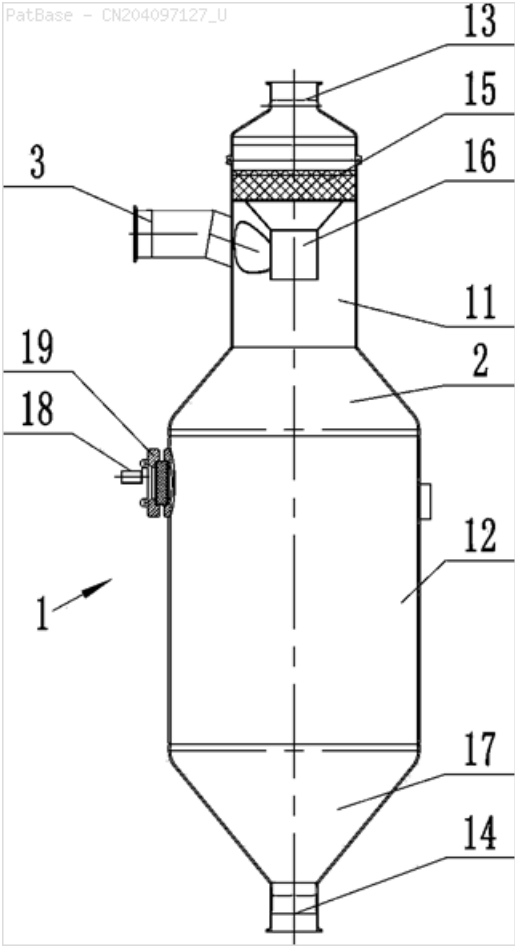
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Title: WATER-GAS SEPARATION DEVICE AND RUBBER **PLUG WASHING MACHINE**

Abstract: The utility model provides a water-gas separation device and a rubber **plug washing machine**. The water-gas separation device comprises a sealed tank, wherein the sealed tank comprises an upper barrel body and a lower barrel body; the diameter of the upper barrel body is smaller than that of the lower barrel body; the upper barrel body is connected with the lower barrel body through an upper **tapered** funnel. The rubber **plug washing machine** comprises a rubber **plug** washing container and the water-gas separation device, wherein the output end of the rubber **plug** washing container is connected with the input end of the water-gas separation device through a first connecting pipeline; the water outlet end of the water-gas separation device is connected with the input end of the rubber **plug** washing container through a second connecting pipeline; a first control valve is arranged on the first connecting pipeline; a water pump and a second control valve are arranged on the second connecting pipeline. The water-gas separation device and the rubber **plug washing machine** have the advantages that the water-gas separation effect is enhanced, and the running safety and the detection accuracy of equipment are improved.

Classifications:

International (IPC 8-9): B08B13/00 C02F1/20 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN204097127 U	20150114	CN201420452600U	20140812

Priority:

CN201420452600U 20140812

Probable Assignee: TRUKING TECHNOLOGY LTD

Assignee(s): (std): CHANGSHA TRUKING TECHNOLOGY LTD ; TRUKING TECHNOLOGY LTD

Inventor(s): (std): JIANG HAIBING ; SU JIUZHOU ; XIONG NUHUAI

Title: FRICTION SHOCK ABSORBER

Abstract: Friction shock absorber (10) comprising at least one cylindrical shock absorber piston (13); at least one shock absorber body (11) that surrounds the shock absorber piston (13), moves telescopically along the same axis (x) with the piston (13); and bears the piston (13) from its end part; characterized by at least one friction ring (15) which is located between the shock absorber body (11) and the piston (13), and moves in the same axis (x) with the body (11), at least one lock ring (20) which bears the shock absorber piston (13) on the shock absorber body (11) and prevents the friction ring (15) from getting displaced out of the body (11) a friction element (16) compressed between the inner surface of the friction ring (15) and the outer surface of the shock absorber piston (13).

Classifications:

International (IPC 8-9): D06F37/20 D06F37/22 F16F7/08

F16F7/09 (Advanced/Invention);

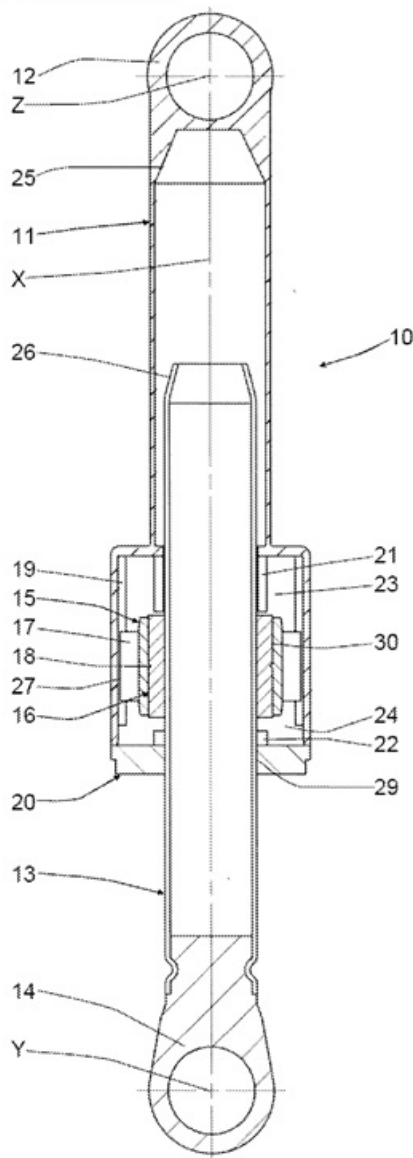
D06F37/00 D06F37/20 F16F7/00 (Core/Invention)

CPC: D06F37/20 F16F7/09

European: D06F37/20 F16F7/09

US: 188/381

PatBase - US2011259688_AA

**Family:**

Publication number	Publication date	Application number	Application date
CN101918732 A	20101215	CN200980100591	20090317
CN101918732 B	20130508	CN200980100591	20090317
DE602009018577 D1	20131031	DE200960018577T	20090317
EP2406519 A1	20120118	EP20090786334	20090317
EP2406519 B1	20130904	EP20090786334	20090317
EP2406519 B8	20131016	EP20090786334	20090317
ES2437154 T3	20140109	ES20090786334T	20090317
KR101276255 B1	20130620	KR20107003584	20090317
KR20100114877 A	20101026	KR20107003584	20090317
SI2406519 T1	20140228	SI20090030778T	20090317
TR201005694 T1	20110621	TR20100005694T	20090317
US2011259688 AA	20111027	US20090674420	20090317
WO10103349 A1	20100916	WO2009IB51125	20090317

Priority:

TR20090001985 20090313

EP20090786334 20090317

WO2009IB51125 20090317

Probable Assignee: AKSISTEM ELEKTROMEKANIK SANAYI VE TICARET LTD

Assignee(s): (std): ADIL KANIOZ ; AKSISTEM ELEKTROMEKANIK SANAYI VE TICARET LTD ; AKSISTEM ELEKTROMEKANIK

SANAYI VE TICARET LTD GEBZE ORGANIZE SANAYI BOELGESI IHSAN ; KANIOZ ADIL ; KANIOEZ ADIL

Assignee(s): ADIL KANIOEZ

Inventor(s): (std): KANIOEZ ADIL ; KANIOZ ADIL ; ADIL KANIOZ

Inventor(s): ADIL KANIOEZ

Agent(s): WUESTHOFF AND WUESTHOFF PATENTANWAELTE PARTG MBB; SEVINC ERKAN; ARIAS JUAN; ANKARA PATENT BUREAU LIMITED

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

Title: TABLET DISPENSER

Abstract: What is proposed is a dispensing device for dispensing tablets belonging to a stack of tablets separately. There is arranged, in a casing (100), a conveying element (200) which can be moved to and fro, in relation to said casing, between a dispensing position and a conveying position. The dispensing device also comprises holding means, in particular a lift element (300), which cause the stack of tablets to be kept stationary when a movement of the conveying element, relative to the casing, from the dispensing position into the conveying position occurs, and which cause said stack of tablets to be entrained towards the removing aperture by the conveying element when said conveying element returns to the dispensing position. In this way, the stack of tablets is conveyed in the direction of conveyance by a predetermined amount, particularly by the thickness of a single tablet, when a forward-and-backward movement of the conveying element occurs, and said single tablet can be easily removed.

Classifications:

International (IPC 8-9): A61J1/03 A61J7/02 B65D B65D21/08

B65D83/00 B65D83/04 B65G59/02 (Advanced/Invention);

A61J1/03 B65D21/08 B65D83/04 (Advanced/Non-invention);

A61J1/00 B65D21/00 B65D83/04 (Core/Invention);

B65D83/04 (Core/Non-invention);

B65D (Subclass/Invention)

International (IPC 1-7): B65D83/04

CPC: B65D83/0005 B65D83/0409

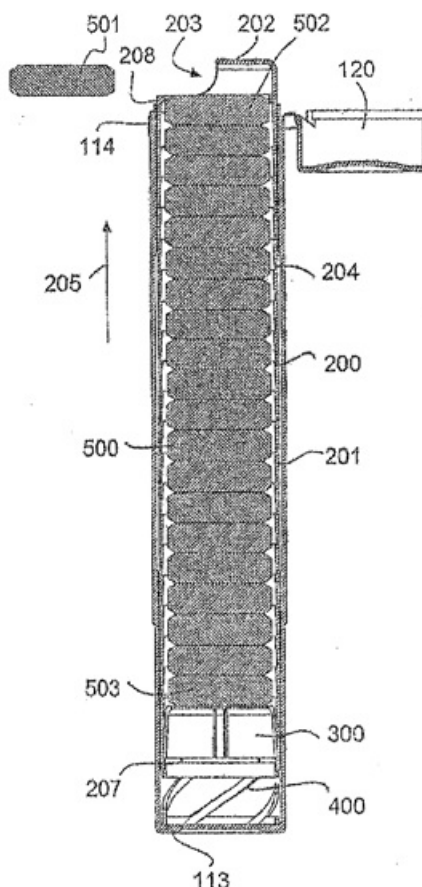
European: B65D83/00A B65D83/04A

US: 221/1 221/154 221/154S 221/1P

JP F-Term: 3E015 4C047 4C047/AA40 4C047/NN01 4C047/NN05

JP F-Index: A61J7/00/D A61J7/02 B65D83/04/B B65D83/04/G

PatBase - US2010294791_AA

**Family:**

Publication number	Publication date	Application number	Application date
AR069598 AA	20100203	AR2008P105317	20081205
AU2008333442 AA	20090611	AU20080333442	20081107
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CO6280519 A2	20110520	CO20100068092	20100604
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EP2214981 A1	20100811	EP20080857102	20081107
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MY150366 A	20131231	MY20100002413	20081107
NZ585436 A	20120831	NZ20080585436	20081107
RU2010128069 A	20120127	RU20100128069	20081107
RU2463230 C2	20121010	RU20100128069	20081107
SA2834 B1	20120124	SA20080290762	20081130
TN2010000205 A1	20111111	TN20100000205	20100507
TW200930635 A	20090716	TW20080144378	20081117
US2010294791 AA	20101125	US20080745705	20081107
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ZA201003723 A	20110223	ZA20100003723	20100525

Priority:

EP20070122586 20071207 EP20080857102 20081107 WO2008EP65097 20081107

Probable Assignee: VIFOR INTERNATIONAL AG

Assignee(s): (std): VIFOR INT AG ; VIFOR INTERNATIONAL AG ; VIFOR INTERNATLONAL AG ; WEIBEL FURER LUDWIG ;
VIFOR INTERNATSIONAL AG ; DILL FRITZ

Assignee(s): VIFOR (INTERNATIONAL) AG ; VIFOR AG

Inventor(s): (std): FRITZ DILL ; LUDWIG DANIEL WEIBEL ; LUDWIG WEIBEL FURER ; VAJBEL LUDVIG DANIEL ; WEIBEI
FURER LUDWIG ; WELBEL LUDWIG DANIEL ; WEIBEL LUDWIG DANIEL ; WEIBEL LUDWIG D ; FURER
LUDWIG WEIBEL ; DANIEL WEIBEL LUDWIG ; WEIBEL FURER LUDWIG ; DILL FRITZ ; DILL FRITTS

Inventor(s): VAJBEL' LUDVIG DANIEL' ; WEIBEL-FURER, LUDWIG

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; HERBERT SMITH FREEHILLS; FPA PATENT
ATTORNEYS PTY LTD; FREEHILLS PATENT ATTORNEYS; LUZ CLEMENCIA DE PAEZ; GILLE HRABAL
STRUCK NEIDLEIN PROP ROOS; GILLE CHRISTIAN; RANKIN HILL AND CLARK LLP

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

Title: HUMAN BODY CLEANER

Abstract: The present invention provides a novel water spray technique that extends a cleansing area in a two-dimensional manner without moving a nozzle. A nozzle head 170 has a water swirling chamber 171, which is located immediately below a nozzle opening 31 and connects with the nozzle opening 31 via a small-diameter connection pipe 163. The water swirling chamber 171 is formed as a hollow room having a **tapered** inner wall. A head flow path 34 is eccentrically connected to the water swirling chamber 171. Cleansing water flowed through the head flow path 34 into the water swirling chamber 171 swirls along the **tapered** inner wall of the water swirling chamber 171 as shown by the arrow SY and is sprayed from the nozzle opening 31 in a spiral (cone-shaped) form.

Classifications:

International (ipc 8-9): A47K13/02 A47K13/24 A47K13/26 A47K13/30 A47K3/28 A61H35/00 B05B1/00 B05B1/02 B05B1/14 B05B1/34 B05B3/02 B05B7/10 B08B3/02 B08B3/10 E03C1/084 E03D11/13 E03D5/10 E03D9/08 G05D3/00 H02K41/03 H05B3/56 (Advanced/Invention);

B05B1/34 B05B7/10 G05D3/00 H02K41/03 (Advanced/Non-invention); A47K3/28 A61H35/00 B05B1/00 B05B1/02 B05B1/14 B05B3/02 B08B3/02 B08B3/10 E03C1/02 E03D5/00 E03D9/08 G05D3/00 H02K41/03 H05B3/54 (Core/Invention); B05B1/34 B05B7/02 G05D3/00 H02K41/03 (Core/Non-invention)

International (ipc 1-7): A47K A47K13/02 A47K13/24 A47K13/26 A47K13/30 A47K3/022 A47K3/22 A47K3/28 A47K7/08 A61H35/00 B05B1/00 B05B1/02 B05B1/14 B08B3/02 E03C1/084 E03D E03D11/13 E03D5/10 E03D9/08 G05D3/00 H02K41/03 H05B3/56

CPC: B05B1/083 B05B3/02 B05B1/3426 B05B7/10 E03D9/08

European: B05B3/02 E03D9/08 L05B1/34A3B2 L05B7/10

US: 239/468 4/420.2 4/420.4 442/20

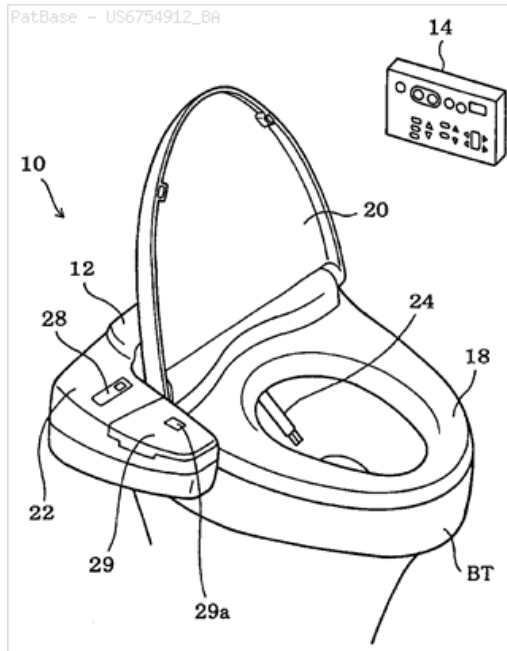
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JP F-Index: E03D9/08/B B05B1/02 B05B1/14/Z E03D9/08/D E03D5/10 E03D9/08/K E03D9/08/H A47K3/22 A47K3/28 E03C1/084 B05B1/00/Z A61H35/00/P G05D3/00/A H02K41/03/A B08B3/02/F B08B3/02/G B08B3/02/H A47K13/02 E03D9/08/A A47K13/26 E03D11/13 A47K13/30/A E03D9/08/F E03D9/08/L H05B3/56/B E03D9/08/Z B08B3/10/Z A47K13/24

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JP20100025385 20100208 JP20110261274 20111130

Probable Assignee: TOTO LTD

Assignee(s): (std): AICHI ELECTRIC CO LTD ; ENOMOTO KAZUYUKI ; FUJITA KOZO ; HAMADA YASUO ; HATAKEYAMA MAKOTO ; KINOSHITA TAKASHI ; IWATA KENGO ; HARAGA HISATO ; MATSUO NOBUSUKE ; KITAMOTO EIJI ; HAYASHI RYOSUKE ; KAWAHARA YOSHIYUKI ; TSUTSUI HARUO ; TOYODA KOICHI ; YANANOSE MICHINORI ; SATO MINORU ; OHASHI TAKAHIRO ; TOTO LTD ; TOTO WASHLET TECHNO LTD ; PAN WASHLET KK

Inventor(s): (std): IWATA KENGO AND ; KAWAHARA YOSHIYUKI ; KAZUYUKI ENOMOTO ; KENGO IWATA ; KINOSHITA TAKASHI ; KITAMOTO EIJI ; KOICHI TOYODA ; KOZO FUJITA ; KUWABARA TAKAAKI ; MAKOTO HATAKEYAMA ; MATSUO NOBUSUKE ; MATSUO SHINSUKE ; MATSUSHITA HIROYUKI ; MATSUSHITA KOICHIRO ; MICHINORI YANANOSE ; MINORU SATO ; MIZUNO MASAKAZU ; MORI HIDEKAZU ; NAGAYOSHI SEIYA ; NOBUSUKE MATSUO ; OHASHI MASAKI ; OHASHI TAKAHIRO ; OKADA TAKEMASU ; RYOSUKE HAYASHI ; SATO MINORU ; SHIMODA KAZUHIRO ; TAKAGI TAKESHI ; TAKAHIRO OHASHI ; TAKASHI KINOSHITA ; TANAKA BUNGETSU ; TOYODA KOICHI ; TSUTSUI HARUO ; USHIJIMA YOSHIKAZU ; YANANOSE MICHINORI ; YANASE MICHINORI ; KAZUYUKI HATAKEYAMA MAKOTO HAM ; KAWAHARA TAKAYUKI ; YASUO HAMADA ; YOSHIYUKI KAWAHARA ; ADACHI HIROYUKI ; AMETANI NAOKI ; EIJI KITAMOTO ; ENOMOTO KAZUYUKI ; FUJITA KOZO ; FURUTA YUICHI ; GOSHIMA NOBUHIRO ; HAMADA YASUO ; HARAGA HISATO ; HARUO TSUTSUI ; HATAKEYAMA MAKOTO ; HATAKEYAMA MAKOTO HAMADA YASUO ENOMOTO KAZUYUKI ; HAYASHI RYOSUKE ; HISATO HARAGA ; ITO TOSHIYUKI ; IWATA KENGO

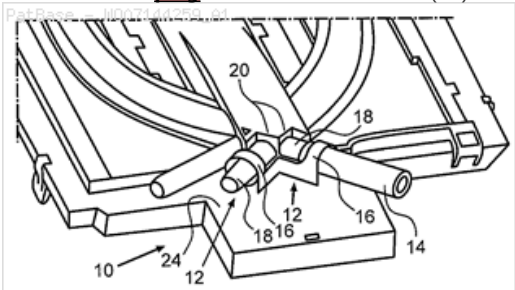
Agent(s): KATO HISASHI

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

Title: ARRANGEMENT FOR FASTENING A HOSE ON A COMPONENT OF A DOMESTIC APPLIANCE

Abstract: The invention relates to an arrangement for fastening a hose (14) on a component (top part 10) of a domestic appliance, having a receiver connector (18), onto which the hose (14) is **plugged**, and having a securing element (16), which can be arranged around the outer circumference of the **plugged**-on hose (14) in order to fix the same in relation to the receiving connection (18), wherein an accommodating opening (26) of the securing element (16), this opening being directed towards the hose (14), is of conical design and **tapers** in cross section in the **plug**-on direction of the hose (14).

Classifications:
International (IPC 8-9): A47L15/42 D06F39/02 D06F39/08 F16L33/22 (Advanced/Invention); A47L15/42 D06F39/02 D06F39/08 F16L33/22 (Core/Invention)
CPC: D06F39/02 F16L33/02
European: D06F39/02 F16L33/02



Family:

Publication number	Publication date	Application number	Application date
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EP1991731 B1	20130123	EP20070729641	20070530
WO07144259 A1	20071221	WO2007EP55222	20070530

Priority:

DE200610027196 20060612 EP20070729641 20070530 WO2007EP55222 20070530

Probable Assignee: BSH BOSCH SIEMENS HAUSGERAETE

Assignee(s): (std): BOLDUAN EDWIN ; BSH BOSCH SIEMENS HAUSGERAETE ; SABALAT ANDRE ; BSH BOSCH U SIEMENS HAUSGERATE GMBH

Assignee(s): BSH HAUSGERAETE GMBH ; BSH BOSCH SIEMENS HAUSGERAETE GMBH ; BSH BOSCH U SIEMENS HAUSGERAETE GMBH ; BSH BOSCH UND SIEMENS HAUSGERAETE GMBH

Inventor(s): (std): BOLDUAN EDWIN ; SABALAT ANDRE

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

Title: CLOSING MECHANISM FOR A HOUSEHOLD APPLIANCE

Abstract: The invention relates to a closing mechanism for a mobile closing element, especially for a door, a cover, a flap or the like on a household appliance, such as a dishwasher machine, a **washing machine**, a refrigerator or the like, said mechanism comprising a carriage that can be displaced between a locking position and an unlocking position and is loaded by means of a spring in the direction of the locking position. The carriage carries a closing hook that can be engaged with the closing element for the closing action and/or disengaged therefrom for the opening action. A rotary latch can co-operate with the closing element during the closing action. As a result of this co-operation, said rotary latch acts on the carriage in such a way that the carriage is displaced into the locking position during the closing of the closing element by the force of the spring.

Classifications:

International (IPC 8-9): A47L15/00 A47L15/42 A47L9/00 B08B3/00 B65D55/14 D06F37/28 E05B15/02 E05B15/04 E05B65/00 E05C1/00 E05C1/08 E05C19/06 E05C19/10 E05C3/12 E05C3/16 E05C3/22 E05C3/24 E05C5/02 (Advanced/Invention); E05B63/20 E05C19/00 F25D23/02 (Advanced/Non-invention); A47L15/00 A47L15/42 A47L9/00 B65D55/02 D06F37/00 E05B15/00 E05B65/00 E05C1/00 E05C19/00 E05C3/00 E05C5/00 (Core/Invention); E05B63/00 F25D23/02 (Core/Non-invention)

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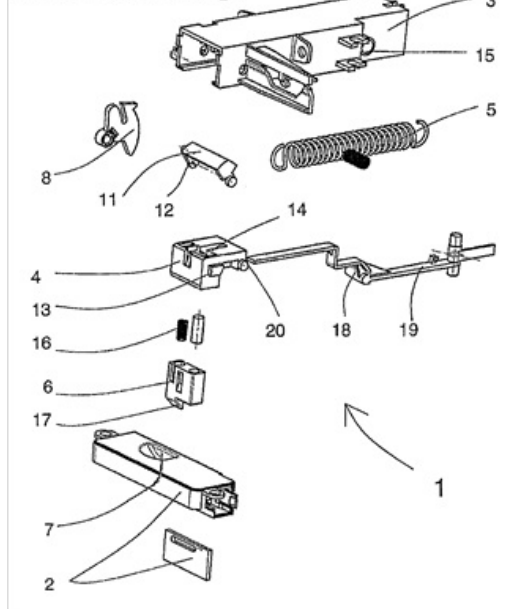
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US: 134/56D 134/57D 134/57DL 134/58D 134/58DL 292/194 292/194P 292/2 292/216 292/2S 292/335 292/60 292/60P 292/95 292/DIG.11 292/DIG.4 292/DIG.69 70/158 70/158P

JP F-Term: 2E178 2E250 3B082 3B082/BB01 3B082/BB02 3B082/BB06 3B006 3B006/DA04 3B155 3B155/DA05 3B165 3L102 3L102/KB14

JP F-Index: E05C19/06/C E05C3/16 A47L15/42/B E05B15/02/B E05B65/00/N E05C19/06/A A47L9/00/D D06F37/28 E05B15/04 F25D23/02/306/L

PatBase - US2008185849_AA



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Publication number	Publication date	Application number	Application date
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Priority:

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WO2006EP61580 20060413 WO2006EP61579 20060413

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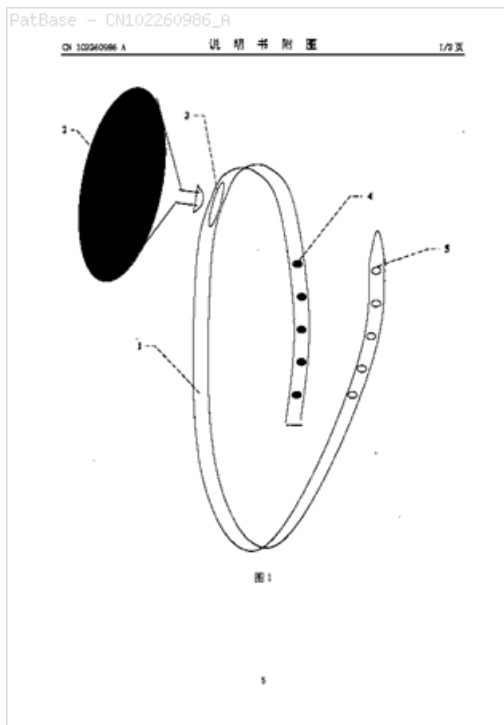
Title: **Washing machine** outlet pipe drainage system (Machine translation)

Abstract: Source: CN102260986A **Machine translation:** The present invention relates to a **washing machine** outlet pipe drainage system, waste water can easily wash clothes after the **washing machine** connected to the basin, the effective use of wastewater, improve the utilization of water, conservation of water resources, there is a certain economic and social benefits. The present invention solves the technical problem of technical programs are: in the middle of a fastening tape to connect a sucker, sucker **tapered** sliding socket connector **plug** and tighten the belt, fastening with 3-5 pieces of nail at one end and the other end There are 3-5 keyhole, keyhole nail insertion, the fastening tape can fasten the outlet pipe. Fastening tape of the present invention, nail, keyhole of plastic or organic materials can be. The beneficial effects of the present invention is to take advantage of the smoothness or the use of a **washing machine** housing wall smooth surface to design fixed sucker, sucker a little bit of water better. Sliding slot design easier to operate, more humane. Simple structure of the present invention, to prevent slipping, easy to use, easy to mass production.

Classifications:

International (IPC 8-9): D06F39/00 D06F39/08 (Advanced/Invention)

CPC: Y02B40/56



Family:

Publication number	Publication date	Application number	Application date
CN102260986 A	20111130	CN201010187842	20100531

Priority:

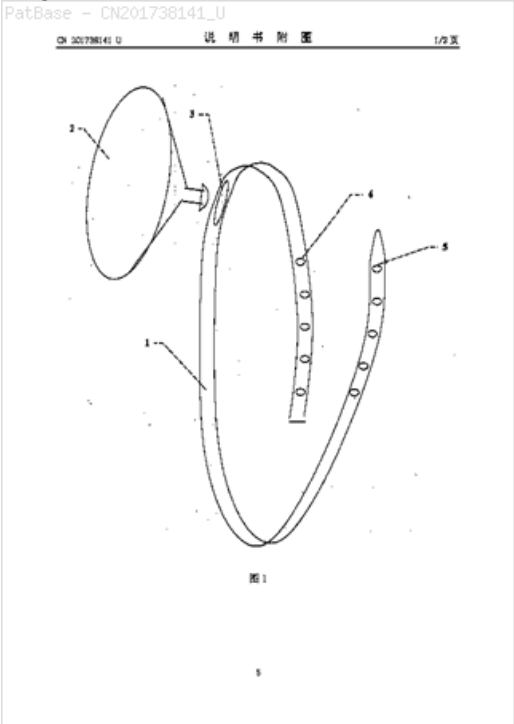
CN201010187842 20100531

Title: Drainage device of water outlet pipe of washing machine

Abstract: The utility model relates to a drainage device of a water outlet pipe of a washing machine, which leads waste water obtained after clothes are washed by the washing machine to be conveniently received in a basin, thus effectively utilizing the waste water. The utility model aims at solving the technical problem of designing the drainage device of the water outlet pipe of the washing machine, which is simple in structure, easy to operate and convenient to use, prevents from falling down and is easy for batch production. In order to solve the technical problem, the drainage device has the technical scheme that the middle part of a fastening band is connected with a suction cup, and a tapered plug of the suction cup is connected with a sliding slot of the fastening band; one end of the fastening band is provided with three to five locking nails, and the other end thereof is provided with three to five locking holes; the locking nails are inserted into the locking holes, and the water outlet pipe can be tightly fastened by the fastening band. The fastening band, the locking nails and the locking holes of the drainage device can be made of plastic products or organic material.

Classifications:

International (IPC 8-9): D06F39/00 D06F39/08 (Advanced/Invention)



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CN201738141 U	20110209	CN201020110091U	20100209

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