

harold

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Search 4: toilet AND separate parts (Results 44)

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Search 7: component of a toilet separating (Results 1)

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Search 20: FN=(4278461 OR 8331665 OR 894003 OR 4368437 OR 12144724) (Results 5)

Search 21: FN=(48725119 OR 51311589 OR 23268300 OR 58397129 OR 30537359 OR 15309312 OR 15640656 OR 29774539 OR 19166523) (Results 9)

Search 22: FN=(322987 OR 25276969 OR 20749244 OR 18841751) (Results 4)

Search 23: PN=(DE1609239 OR 48725119 OR 51311589 OR 23268300 OR 58397129 OR 30537359 OR 15309312 OR 15640656 OR 29774539 OR 19166523) (Results 2)

Search 24: FN=(4278461 OR 14640989) (Results 2)

Search 25: 21 AND 23 (Results 0)

Search 26: PN=(DE1609239 OR WO0242569 OR WO09520078 OR WO09219824 OR WO1999023319 OR WO0233183) (Results 5)

Search 27: DRAIN FILTER APPARATUS AND TRAP AND HOUSING ASSEMBLY (Results 0)

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Search 33: drain AND straining structure (Results 3)

Search 34: Drain filter apparatus (Results 8)

Search 35: Drain strainer (Results 100)

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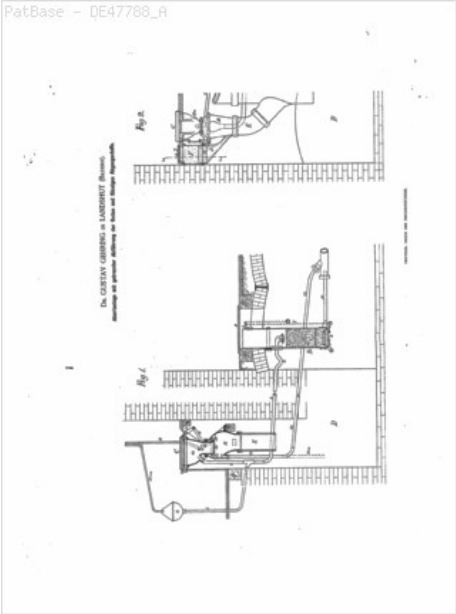
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Search 38: 21 AND 37 (Results 0)

Search 39: 21 OR 37 (Results 34)

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40:
Search 14 AND 40 (Results 0)
41:
Search 40 OR 39 (Results 38)
42:

Classifications:
International (IPC 8-9): E03D5/014 (Advanced/Invention);
E03D5/00 (Core/Invention)
International (IPC 1-7): E03D5/014 E03F5/14
CPC: E03D5/014
European: E03D5/014

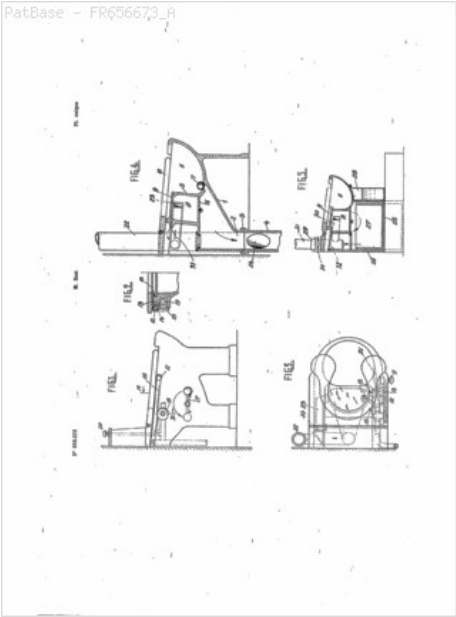


Family:

Publication number	Publication date	Application number	Application date
DE47788 A	00000000		00000000

Title: Closet

Classifications:
International (IPC 8-9): E03D11/02 E03D5/09 (Advanced/Invention);
E03D11/02 E03D5/00 (Core/Invention)
International (IPC 1-7): E03D11/02 E03D5/09
CPC: E03D5/09 E03D11/025
European: E03D11/02B E03D5/09



Family:

Publication number	Publication date	Application number	Application date
FR656673 A	19290511		19280428

Priority:

19280428

Inventor(s): (std): BAST EMIL

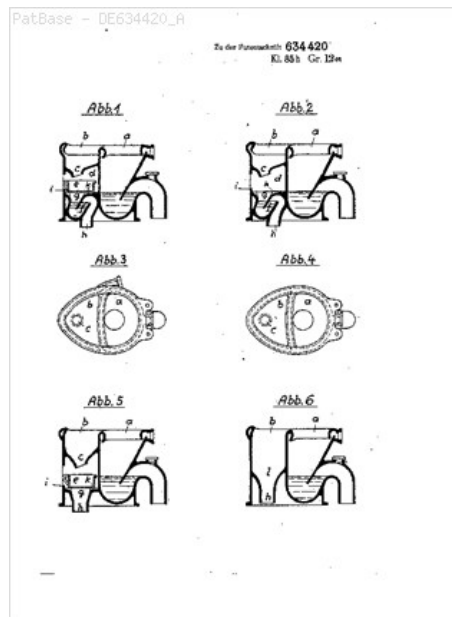
Abstract: Source: DE634420A (Claim 1) 1. PATENTANSPRUCHE: i. Klosett mit getrennten Abteilungen fuer Darm- und fuer Harnblasenentleerung, dadurch gekennzeichnet, dass die Abteilungen (a und b) gesonderte Abflüsse mit oder ohne Spülung besitzen.

Machine translation: (claim 1) 1 CLAIMS: i closet with separate compartments for bowel and bladder emptying for, characterized in that the departments have conditions (a andb) a separate outflows with or without irrigation.

International (IPC 8-9): E03D11/02 (Advanced/Invention);
E03D11/02 (Core/Invention)

International (IPC 1-7): D06N3/00 E03D11/02
CPC: E03D11/025

European: E03D11/02B



Family:

Publication number	Publication date	Application number	Application date
DE634420 A	19360827	DE1935L087557D	19350221

Priority:

DE1935L087557 19350221

Probable Assignee: JOAEF LORENZER FA

Assignee(s): (std): JOAEF LORENZER FA

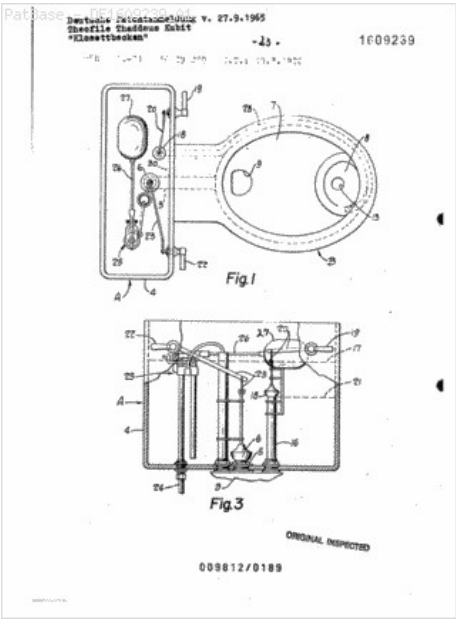
Assignee(s): FIRMA JOAEF LORENZER

Title: Klosettbecken Toilet bowl (Machine translation)

Abstract: Source: DE1609239A1 (Claim 1) 1. Klosettbecken, gekennzeichnet durch eine Haupt schuessel und eine an diese angrenzende Urinschues sel, Wasserzuleitungsmittel fuer das Klosettbecken, Spuelmittel zum Spuelen der Hauptschuessel einschliess- lich ventilgesteuerter mit den Wasserzuleitungs- mitteln verbundener Mittel zum Steuern des Wasser stromes von diesen zu den Spuelmitteln, zweite Spuelmittel zum Spuelen der Urinschuessel einschliess- lich zweiter ventilgesteuerter mit den Wasserzulei- tungsmitteln verbundener Mittel zum Steuern des Wasserstromes zu den zweiten Spuelmitteln.

Machine translation: (Claim 1) 1 Toilets, characterized by a main dish and one adjacent to the urine Schues sel, water supply facilities for the toilet bowl, dish soap to wash the main bowl condition, including valve controlled by the water feed line-transmitted associated means for controlling the flow of water from these to the detergents, second detergent can to Washings of the urine bowl condition, including second valve controlled by the Wasserzulei-saving appliances connected means for controlling the water flow to the second rinses.

Classifications:
International (IPC 8-9): E03D1/14 E03D11/02 (Advanced/Invention); E03D1/02 E03D11/02 (Core/Invention)
International (IPC 1-7): E03D1/14
CPC: E03D1/145 E03D11/025
European: E03D1/14D3 E03D11/02B



Family:

Publication number	Publication date	Application number	Application date
DE1609239 A1	19700319	DE19651609239	19650928

Priority:

DE1965K057244 19650928

Probable Assignee: KUBIT THEOFIL THADDEUS

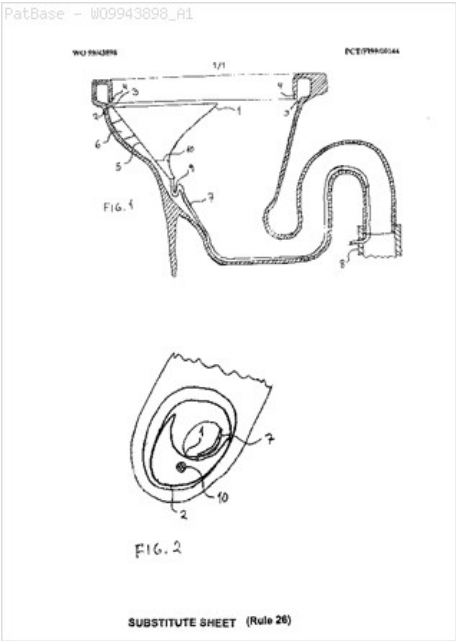
Assignee(s): (std): KUBIT THEOFIL THADDEUS

Inventor(s): (std): THADDEUS KUBIT THEOFIL

Title: SORTING WC-ACCESSION

Abstract: A crescent-shaped interior component of a toilet separating urine from faeces that can be easily installed as an accessory in a conventional toilet. The device utilizes part of the flush water intended for normal flushing and conducts the urine-water solution emerging from the device to be absorbed into the soil or to separate collection.

Classifications:
International (IPC 8-9): E03D11/02 E03D5/014 (Advanced/Invention)
International (IPC 1-7): E03D E03D11/02 E03D13/00 E03D9/00
CPC: E03D5/014 E03D11/025
European: E03D11/02B E03D5/014



Family:

Publication number	Publication date	Application number	Application date
AU199932547 A1	19990915	AU19990032547	19990224
FI103687 B	19990813	FI19980000438	19980226
FI980438 A0	19980226	FI19980000438	19980226
WO9943898 A1	19990902	WO1999FI00144	19990224

Priority:
FI19980000438 19980226 WO1999FI00144 19990224

Probable Assignee: OESTMAN HENRIK GUSTAV

Assignee(s): (std): HENRIK GUSTAV OSTMAN ; OESTMAN HENRIK GUSTAV
OSTMAN HENRIK GUSTAV

Inventor(s): (std): OESTMAN HENRIK GUSTAV ; OSTMAN HENRIK GUSTAV

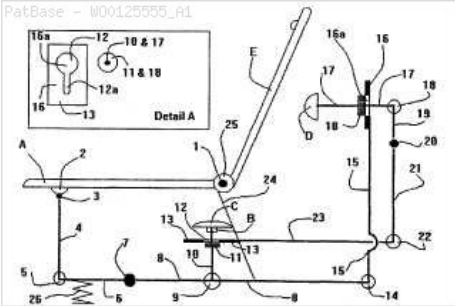
Inventor(s): HENRIK GUSTAV OSTMAN

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

Title: METHOD AND DEVICE FOR SEPARATING AND DISPOSING OF FAECES AND URINE IN URINE SEPARATION TOILETS

Abstract: The invention relates to a urine separation toilet. Said toilet can be constructed without a partition between the urine and faecal outlets in such a way that the whole bowl can be cleaned during the flush operation and that the toilet paper in the urine outlet area, together with yellow deposits can be transported to the faecal outlet area. The toilet can nevertheless maintain a water-free disposal of urine.

Classifications:
International (IPC 8-9): E03D11/02 E03D5/014 E03D5/04 (Advanced/Invention);
E03D11/02 E03D5/00 (Core/Invention)
International (IPC 1-7): E03D11/02
CPC: E03D5/014 E03D5/04 E03D11/025
European: E03D11/02B E03D5/014 E03D5/04



Family:

Publication number	Publication date	Application number	Application date
AT335107 E	20060815	AT20000969407T	20001004
AU200079135 A5	20010510	AU20000079135D	20001004
AU780193 B2	20050310	AU20000079135	20001004
DE50013263 D1	20060914	DE20005013263	20001004
EP1135561 A1	20010926	EP20000969407	20001004
EP1135561 B1	20060802	EP20000969407	20001004
ES2270875 T3	20070416	ES20000969407T	20001004
NZ512755 A	20031219	NZ20000512755	20001004
WO0125555 A1	20010412	WO2000EP09700	20001004

Priority:
DE19991047648 19991004 DE19991048322 19991007 WO2000EP09700 20001004
DE20005013263 20001004

Probable Assignee: BRAUN ULRICH
Assignee(s): (std): BRAUN ULRICH ; ULRICH BRAUN
Inventor(s): (std): BRAUN ULRICH ; ULRICH BRAUN
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 JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: TOILET BOWL

Abstract: The invention relates to a toilet bowl (10) comprising a forward section (12) for draining away urine by means of an optionally sealable first opening (26) leading to a first outlet and a second rearward section for removal of faecal material leading to a second outlet (16). The forward section (12) comprises a base (20) tilted towards the second section (14), flowing into the second section (14) with no separating wall and with the urine draining first opening (26) set in said base, thereby securing a reliable separation of urine and faeces while at the same time permitting problem-free cleaning of the urine section.

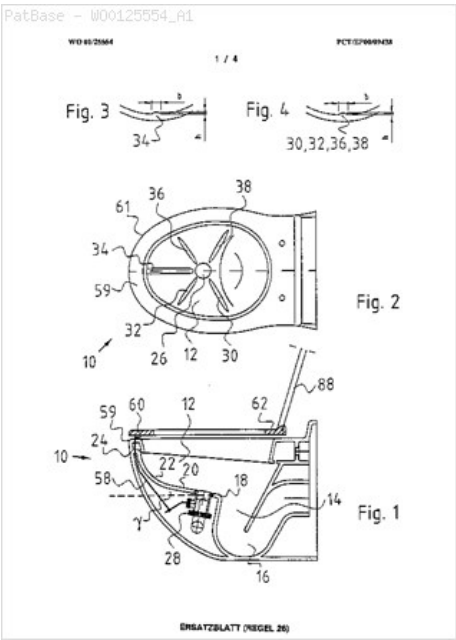
Classifications:

International (IPC 8-9): E03D11/02 E03D11/10 E03D5/012 E03D5/014 (Advanced/Invention); E03D11/02 E03D5/00 (Core/Invention)

International (IPC 1-7): E03D11/02 E03D11/10 E03D5/012

CPC: E03D5/014 E03D11/02

European: E03D11/02 E03D5/014



Family:

Publication number	Publication date	Application number	Application date
AU200074222 A5	20010510	AU20000074222D	20000927
CN1218098 C	20050907	CN20008016764	20000927
CN1408040 A	20030402	CN20008016764	20000927
DE19958557 A1	20010412	DE19991058557	19991204
DE19958557 B4	20081120	DE19991058557	19991204
WO0125554 A1	20010412	WO2000EP09438	20000927

Priority:

DE19991048291 19991006 DE19991058557 19991204 WO2000EP09438 20000927

Probable Assignee: PASSAVANT ROEDIGER UMWELTTECH

Assignee(s): (std): GALLER LOTHAR ; PASSAVANT ROEDIGER UMWELTTECH ; PASSAVANT ROEDIGER UMWELTTECHN ; ROEDIGER VACUUM GMBH ; ROEDIGER VACUUM U HAUSTECHNI ; ROEDIGER VACUUM U HAUSTECHNIK GMBH ; ROEDIGER VAKUUM U HAUSTECHNI ; ROEDIGER VAKUUM UND HAUSTECHNI ; ROEDIGER VACUUM UND HAUSTECHNI ; ROEDIGER VAKUUM AND HAUSTECHNIK

Assignee(s): ROEDIGER VAKUUM U HAUSTECHNIK GMBH ; ROEDIGER VACUUM UND HAUSTECHNIK GMBH ; ROEDIGER VAKUUM UND HAUSTECHNIK GMBH ; PASSAVANT ROEDIGER UMWELTTECHNIK GMBH

Inventor(s): (std): GALLER LOTHAR ; L GALLER ; GALLER L

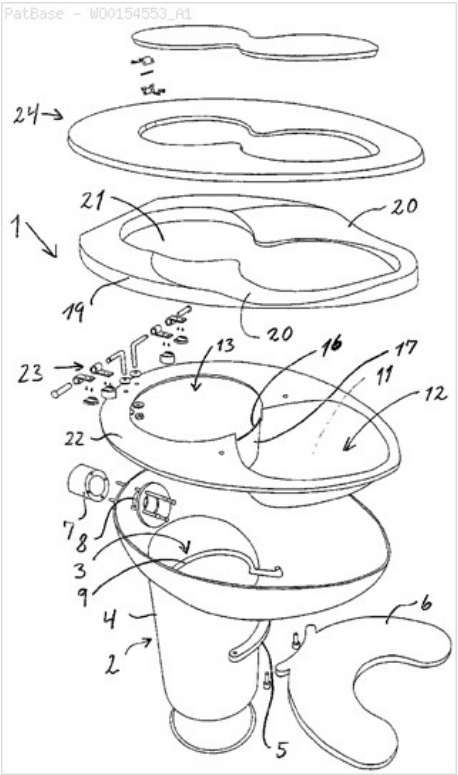
Inventor(s): LOTHAR GALLER

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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: LAVATORY

Abstract: A lavatory has separate compartments (11, 14) for receiving and disposing urine and faeces, respectively. A seat (19) comprises a frame (22) on which is mounted an operating mechanism (29) for opening and closing a seat covering the faeces opening (13). A mechanism is provided at each side of the seat for activating two cover plates (26, 27). The mechanism comprises a springbiased cylinder (30) which comprises a tappet (31) interacting with a tappet face (33) in a rotatable bushing (34) secured to an operating lever (35) for the cover plates (26, 27). When the user uses the lavatory, the cover plates will automatically pivot aside because of the user's weight. When the user rises, the cover plates will return and close the faeces opening (13).

Classifications:
International (IPC 8-9): A47K11/02 (Advanced/Invention);
A47K11/00 (Core/Invention)
International (IPC 1-7): A47K11/02
CPC: A47K11/02
European: A47K11/02



Family:

Publication number	Publication date	Application number	Application date
AT306208 E	20051015	AT20010900096T	20010103
AU2001223524 AA	20010807	AU20010223524	20010103
CN1177562 C	20041201	CN20018004183	20010103
CN1396814 A	20030212	CN20018004183	20010103
DE60113963 D1	20051117	DE20016013963	20010103
DE60113963 T2	20060629	DE20016013963T	20010103
EP1251764 A1	20021030	EP20010900096	20010103
EP1251764 B1	20051012	EP20010900096	20010103
WO0154553 A1	20010802	WO2001DK00001	20010103

Priority:

DK20000000127 20000127 WO2001DK00001 20010103

Probable Assignee: INGE SLOTH CHRISTIANSEN

Assignee(s): (std): CHRISTIANSEN INGE SLOTH ; INGE SLOTH CHRISTIANSEN

Inventor(s): (std): CHRISTIANSEN INGE SLOTH ; INGE SLOTH CHRISTIANSEN

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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: TOILET BOWL

Abstract: The invention relates to a toilet bowl (10) comprising separate parts (12, 16) respectively provided for receiving urine and feces. The aim of the invention is to effect a reliable separation between urine and feces with the use of structurally simple measures. To this end, the invention provides that an opening (32), which starts from the urine-receiving part, leads into a space (36) that, on the one hand, verges into a urine discharge (48) and, on the other hand, is connected to the feces-receiving part.

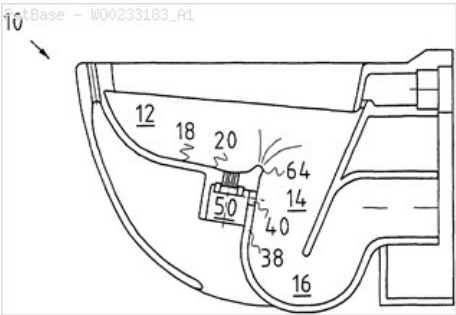
Classifications:

International (IPC 8-9): E03D11/02 E03D5/014 (Advanced/Invention);
E03D11/02 E03D5/00 (Core/Invention)

International (IPC 1-7): E03D11/02 E03D5/014

CPC: E03D5/014 E03D11/025

European: E03D11/02B E03D5/014



Family:

Publication number	Publication date	Application number	Application date
AT431879 E	20090615	AT20010974330T	20011006
AU2001293866 AA	20020429	AU20010293866	20011006
AU200193866 A5	20020429	AU20010093866	20011006
CN1218099 C	20050907	CN20018020468	20011006
CN1479828 A	20040303	CN20018020468	20011006
DE10051280 A1	20020502	DE20001051280	20001016
DE10051280 C2	20021010	DE20001051280	20001016
DE50114905 D1	20090702	DE20015014905	20011006
EP1327031 A1	20030716	EP20010974330	20011006
EP1327031 B1	20090520	EP20010974330	20011006
WO0233183 A1	20020425	WO2001EP11537	20011006

Priority:

DE20001051280 20001016 WO2001EP11537 20011006

Probable Assignee: ROEDIGER VAKUUM AND HAUSTECHNIK

Assignee(s): (std): BETZ REINHOLD ; ROEDIGER VACUUM GMBH ; ROEDIGER VAKUUM AND HAUSTECHNIK ; ROEDIGER VAKUUM U HAUSTECHNI ; ROEDIGER VAKUUM UND HAUSTECHNI

Assignee(s): ROEDIGER VAKUUM UND HAUSTECHNIK GMBH ; ROEDIGER VAKUUM U HAUSTECHNIK GMBH

Inventor(s): (std): BETZ R ; BETZ REINHOLD ; R BETZ

Inventor(s): REINHOLD BETZ

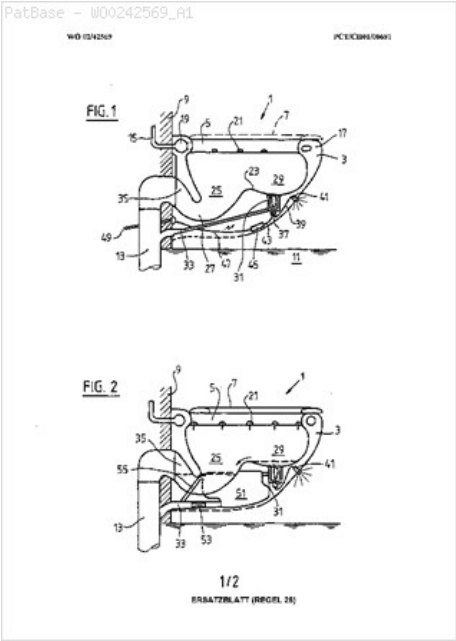
Agent(s): STOFFREGEN HANS HERBERT

Designated states: BE AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH 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: WC SYSTEM

Abstract: The toilet bowl (3) is divided into two areas, a faeces chamber (25) and a urine chamber (29). Said urine chamber (29) opens into a valve container (31), as disclosed in WO 99/57382. The urine exits the valve container (31) either directly into a sewer pipe (13) or preferably into a storage tank (51), which can be emptied at intervals by means of a valve (53). The valve (53) is controlled remotely by radio or ripple control.

Classifications:
International (IPC 8-9): E03D11/02 E03D5/014 (Advanced/Invention); E03D11/02 E03D5/00 (Core/Invention)
International (IPC 1-7): E03D11/02 E03D5/014
CPC: E03D5/014 E03D11/025
European: E03D11/02B E03D5/014



Family:

Publication number	Publication date	Application number	Application date
AU2002213736 AA	20020603	AU20020213736	20011121
EP1336008 A1	20030820	EP20010982039	20011121
WO0242569 A1	20020530	WO2001CH00681	20011121

Priority:
CH20000002276 20001123 WO2001CH00681 20011121

Probable Assignee: URIMAT HOLDING AG

Assignee(s): (std): KELLER HANS ; URIMAT HOLDING AG

Inventor(s): (std): KELLER HANS

Inventor(s): HANS KELLER

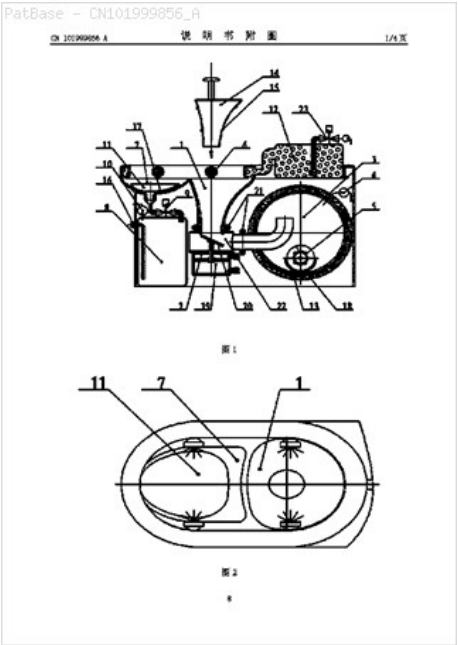
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Title: NON-DISCHARGE AND WATER-FREE FLUSHING URINAL AND USING METHOD THEREOF

Abstract: Source: CN101999856A The invention relates to a non-discharge and water-free flushing urinal and a using method thereof. The non-discharge and water-free flushing urinal comprises a closet pan and a movable gap inner container matched with the inner side of the closet pan, wherein the closet pan is communicated with a vacuum storage tank by a valve device, a vacuum pump is connected to the vacuum storage tank, an excrement spiral output device is arranged in the vacuum storage tank, and at least one atomizing head is arranged on the inner wall of an upper ledge of the closet pan; and a urinal is arranged on the front side of the closet pan, a urine cover is arranged on the inner wall of the urinal, the urinal is communicated with a negative pressure storage tank by a solenoid valve, a negative pressure pump is connected to the negative pressure storage tank, a urine output pipe joint is arranged in the negative pressure storage tank, and the at least one atomizing head is arranged on the inner wall of an upper ledge of the urinal. In the non-discharge and water-free flushing urinal, the urinal is washed without water, so valuable water resources are saved; and dried excrement is outputted to a storage bag spirally, and pure urine is extracted to the storage tank directly to avoid discharge, and ecological environment is not damaged any more.

Classifications:

International (IPC 8-9): A47K11/00 E03D5/014 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN101999856 A	20110406	CN201010574458	20101206
CN101999856 B	20121010	CN201010574458	20101206

Priority:

CN201010574458 20101206

Probable Assignee: YONGXIANG ZHENG

Assignee(s): (std): YONGXIANG ZHENG

Assignee(s): ZHENG YONGXIANG

Inventor(s): (std): YONGXIANG ZHENG

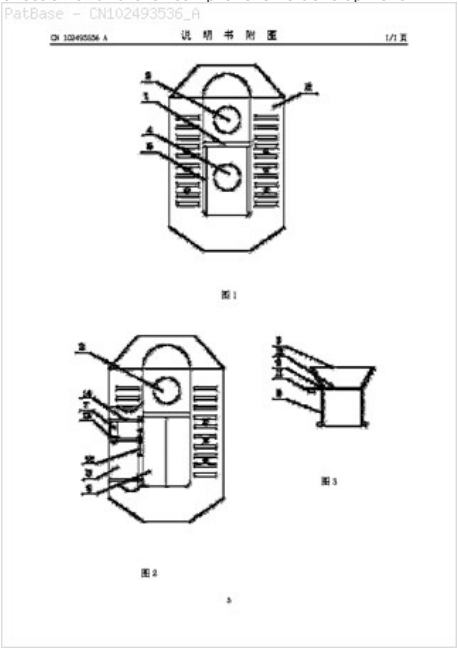
Inventor(s): ZHENG YONGXIANG

Title: WATER-SAVING SQUATTING PAN

Abstract: Source: CN102493536A The invention relates to a squatting pan, particularly to a water-saving squatting pan, which comprises a trough-shaped squatting pot and foot pedals arranged on both sides of the squatting spot. The water-saving squatting pan is characterized in that a stool hole and a urine hole are arranged in the squatting pot; a transversal partition is arranged between the stool hole and the urine hole; a cavity is arranged below each foot pedal; a pot lateral hole is arranged on each pot wall between the cavities and the stool hole; a flashboard is mounted in each pot lateral hole; a driving motor is arranged in each cavity; and the driving motors are in transmission connection with the flashboards. The water-saving squatting pan disclosed by the invention consumes less water in use, and has excellent odor removal and isolation effects; moreover, the urine and the droppings can be separated to facilitate respective collection and further comprehensive development.

Classifications:

International (IPC 8-9): E03D5/014 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN102493536 A	20120613	CN201110423474	20111216

Priority:

CN201110423474 20111216

Probable Assignee: MIN YAN

Assignee(s): (std): MIN YAN

Assignee(s): YAN MIN

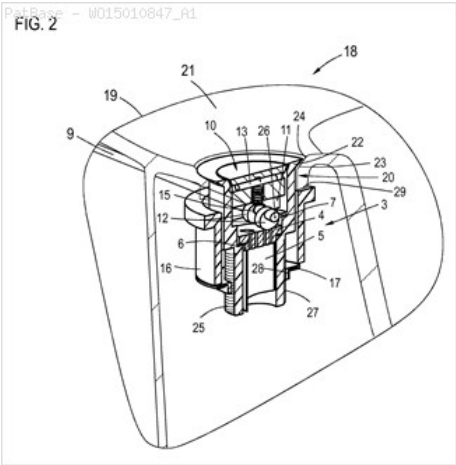
Inventor(s): (std): MIN YAN

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Title: OUTFLOW VALVE FOR INSERTING INTO AN OUTFLOW OPENING OF A LAVATORY OR URINAL

Abstract: An outflow valve for inserting into an outflow opening of a lavatory or urinal, comprising a cylindrical main body (2) in which there is arranged a valve component (3), which closes off the outflow cross section of the main body (2), and an eccentric element (7), which is rotatable about a pivot axis (26) running perpendicular to the longitudinal axis of the main body (2) and which is arranged above the valve element (3), which eccentric element interacts with a cover element (10), which closes off the main body (2), such that in the event of a rotation of the eccentric element (7) effected by means of an actuation element (8) coupled to the eccentric element (7), the cover element (10) can be moved counter to a restoring force from a closed position, in which it closes the main body (2), into an open position, in which it opens the main body (2).

Classifications:
International (IPC 8-9): E03C1/23 E03C1/288 E03D13/00 E03D5/012 E03D5/014 F16K1/34 (Advanced/Invention)
CPC: E03C1/23 E03C1/288 E03D13/007



Family:

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Probable Assignee: DURAVIT AG

Assignee(s): (std): DURAVIT AG

Inventor(s): (std): BREITHAUP T CHRISTOF ; DE LA CORTE JUAN ; DE LA CORTE JUAN ANGEL ; LAAGES BERND

Agent(s): BLAUMEIER JOERG

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