

Diego Gonzalez Castillo

1) Family number: 33294812 (CN2795314Y)

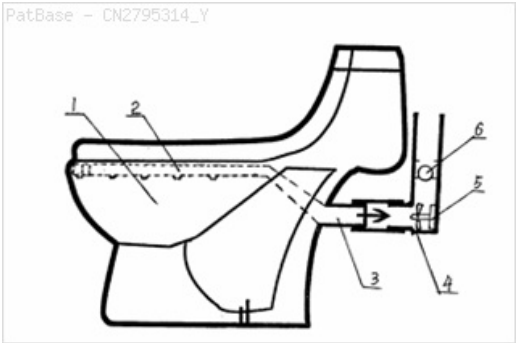
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Title: Ventilation anti-foul toilet

Abstract: The utility model discloses a ventilation anti-stench toilet which relates to a sanitary apparatus. The utility model solves the problems that the existing toilet of which the inner wall of a toilet body is provided with a ring-shaped ventilation passage and the back part is provided with a ventilation pipe opening can not be organically matched with a drawing fan and is easy to generate stench return flow. The ventilation anti-stench toilet comprises a toilet body; a ring-shaped ventilation passage is arranged on the inner wall of the toilet body; a ventilation pipe opening communicated with the ring-shaped ventilation passage is arranged at the back part of the toilet body; the ventilation pipe opening is connected with a right angle two-way pipe through a ventilation pipe; a mini drawing fan is fixed at a corner in the right angle two-way pipe; a one-way exhaust valve is fixed on a vertical pipe of the right angle two-way pipe. By laying the right angle two-way pipe, the ventilation anti-stench toilet causes the drawing fan and the toilet to be organically combined into integration, which is convenient to integrally sell and install. The one-way valve is fixed in the right angle two-way pipe, which can effectively prevent the return flow of external air. The right angle two-way pipe can be conveniently demounted for the maintenance and the maintenance of the drawing fan.

Classifications:

International (IPC 8-9): E03D9/05 (Advanced/Invention);
E03D9/04 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN2795314 Y	20060712	CN200520023870U	20050414

Priority:

CN200520023870U 20050414

Probable Assignee:

LIU JIUQUAN

Assignee(s): (std):

LIU JIUQUAN

Inventor(s): (std):

LIU JIUQUAN

Inventor(s):

JIUQUAN LIU

2) Family number: 8900397 (GB2091772A)

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Title: Ventilating water closets

Abstract: In a w.c. incorporating a siphon-discharge cistern gases are removed directly from the closet pan via its flush pipe by means of an air duct 6 which leads to a wall-mounted or other air extractors and which communicates either (as shown) with a lateral opening in the down leg of the siphon unit or (in a modification) with a lateral opening in the flush pipe just below the cistern.

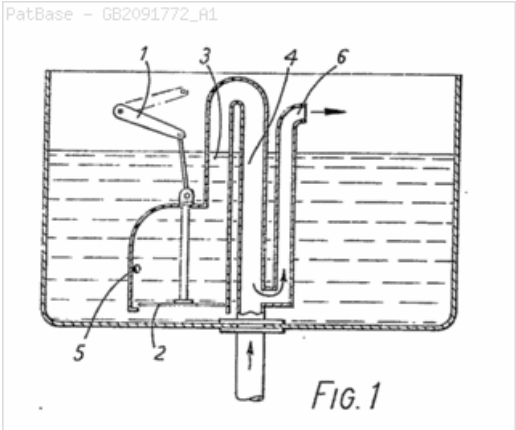
Classifications:

International (IPC 8-9): E03D9/05 (Advanced/Invention);
E03D9/04 (Core/Invention)

International (IPC 1-7): E03D9/05

CPC: E03D9/05

European: E03D9/05



Family:

Publication number	Publication date	Application number	Application date
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Priority:

GB19810002103 19810123

Probable Assignee:

RUSH MICHAEL ERNEST

Assignee(s): (std):

RUSH MICHAEL ERNEST

3) Family number: 8753694 (US5570477A)

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Title: Portable toilet bowl ventilator

Abstract: A portable fan apparatus is provided for ventilating toilet bowls by forced ventilation wherein air from the toilet bowl is exhausted by the fan via a tube that extends through the water trap formed by water in the trap formed partly by the bottom of the toilet bowl and partly by the drain portion of the toilet, thereby exhausting the foul air into the drain line of the building's plumbing system. The apparatus can be carried by a traveler from toilet to toilet, thereby to provide the desired ventilation for any toilet facility the traveler may visit.

Classifications:

International (IPC 8-9): E03D9/05 E03D9/052 (Advanced/Invention);
E03D9/04 (Core/Invention)

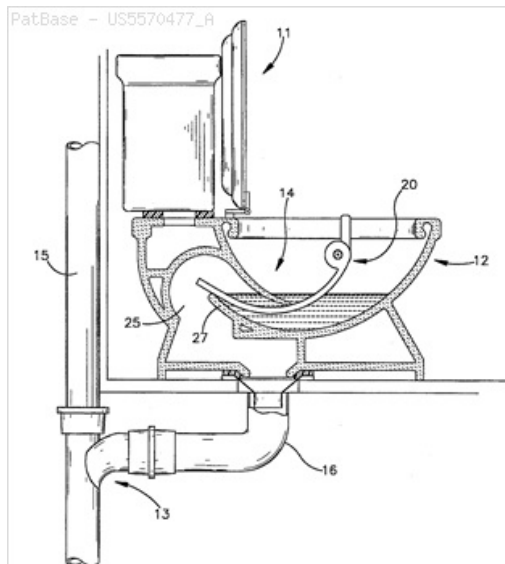
International (IPC 1-7): E03D9/05 E03D9/052 E03D9/52

CPC: E03D9/052

European: E03D9/052

US: 4/213

Locarno class: 42/13

**Family:**

Publication number	Publication date	Application number	Application date
AU199664779 A1	19970115	AU19960064779	19960611
CA2223523 AA	19971204	CA19962223523	19960611
EP0832329 A1	19980401	EP19960924283	19960611
EP0832329 A4	19990217	EP19960924283	19960611
JP11515065 T2	19991221	JP19970503412T	19960611
MX9710145 A1	19980329	MX19970010145	19960611
US5570477 A	19961105	US19950490956	19950615
WO9700359 A1	19970103	WO1996US10585	19960611

Priority:

US19950490956 19950615 WO1996US10585 19960611

Probable Assignee: RODRIGUEZ VICTORIO C

Assignee(s): (std): RODRIGUEZ VICTORIO C ; VICTORIO C RODRIGUEZ

Inventor(s): (std): RODRIGUEZ VICTORIO C

Inventor(s): VICTORIO C RODRIGUEZ

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; MCCARTHY TETRAULT LLP

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

4) Family number: 16072712 (CN2422356Y)

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Title: Closet

Abstract: The utility model discloses a closet, which relates to an improved technique for indoor sanitary ware appliance. The utility model solves the problem of foul air overflow in the prior art. An already present closet main body (1) is provided with a plurality of air inlets (2) on an upper edge (4); the rear side of the closet main body (1) is provided with a groove (13); the upper side of the groove (13) is provided with an air outlet (7); an air counterflow baffle plate (12) is arranged in the air outlet (7); one side of the air outlet (7) is provided with an exhaust pipe (11); a small ventilation fan (10) is arranged in the exhaust pipe (11); the upper edge (4) is provided with a pressure contact point type switch (5). The utility model directly exhausts the foul air outdoors, and a toilet can be free from being troubled by the foul air.

Classifications:

International (IPC 8-9): E03D9/052 (Advanced/Invention);
E03D9/04 (Core/Invention)

International (IPC 1-7): E03D9/052

Family:

Publication number	Publication date	Application number	Application date
CN2422356 Y	20010307	CN20002034688U	20000518

Priority:

CN20002034688U 20000518

Probable Assignee: XU XISHAN

Assignee(s): (std): XU XISHAN

Inventor(s): (std): WANG YANLING ; XISHAN XU ; XU XISHAN ; YANLING WANG