

Comb Type Drain Trap Filter

Abstract

translated from Korean

The present invention aims to prevent the smell of various chatter holes such as septic tanks, sinks, and toilets from leaking out.

In order to achieve the above object, the male chat hole cooling type filter is a filter having comb-shaped pins (2, 3) for cooling and heat dissipation attached to the filter inserted into the male chat hole. It is possible to achieve the above object by being able to block the odor generated from the male chat hole.

Classifications

■ E02D29/14 Covers for manholes or the like; Frames for covers

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Claims (1)

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translated from Korean

In the male chat hole filter, Comb-shaped male chat hole filter, characterized in that the pin is attached to the upper and lower sides of the filter in the form of a comb.

Description

translated from Korean

Comb Type Drain Trap Filter {Comb Type Drain Trap Filter}

The present invention relates to a filter net used for inserting a male chat hole, that is, a filter. More specifically, a pin is shaped like a comb to cool down the air around the filter so that it sinks or stays in the male chat hole, and thus smells from the male chat hole. It is about a filter to prevent.

In general, the male chat hole filter is installed in a bathroom, a kitchen, etc., and its main purpose is to prevent foreign substances from drifting with the water after washing dishes, bathing, and other washing to block the drain. Sewage usually smells bad due to the nature of the material introduced, and various attempts have been made, such as employing an S-shaped or U-shaped pipe to prevent the occurrence of odors, but this is a design for sewage pipes. It is effective for the odor to enter the room, but it does not have a good blocking performance against the pipe itself or the odor generated by the filter itself.

The idea is to pour ice into the chatchat hole to eliminate odors in some sewage use, and separate the air layer around the filter by separating the air layer around the filter by combing a fin that acts as a cooling and heat dissipation. The purpose is to make the air cooler than the surrounding air so that it can sink or stay to trap some of the smell.

In order to achieve the above object, the comb teeth deodorant sink filter of the present invention,

It is characterized by attaching the pins (2, 3) in the form of a comb on both sides of the filter to cause cooling and heat dissipation action.

The comb-type deodorant sink filter of the present invention comprising the above-described features increases the surface area that can be in contact with water by attaching a plurality of fins (2, 3) on both sides of the filter, and increases the ambient air temperature through cooling due to evaporation of water. Allow to be lowered.

Hereinafter, the configuration and operation of the comb-type deodorant sink filter of the present invention will be described in more detail with reference to the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS The perspective view which shows an example of the comb-type deodorizing sink filter and shows an overall state. A plurality of fins (2, 3) are formed above and below the disk of the perforation (1), which is the normal form of the filter, and the upper fins (2) are short so as not to interfere with the flow of sewage, but the entire fins are domed. Lengthen. Fins (2, 3) are intended to be cooled by evaporation of water, so that the surface area is enlarged so as to hold as much water as possible, but is similar to perforation (1) to facilitate cleaning so that it is not a hotbed of odor by itself. Floating distance The material is preferably made of metal so as to facilitate heat transfer.

As described above, in the case of using the comb-type deodorizing sink filter, the present invention is expected to cool the filter by evaporation of the water staying in the filter, and thereby to cool the surrounding air to stay there to block the odor generated from the male chat hole. .

KR200395055Y1

South Korea

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1 is a perspective view showing an example of a comb deodorant sink filter.

Cited By (6)

Publication number	Priority date	Publication date	Assignee	Title
KR100861862B1	2006-12-15	2008-10-06	박우주	Drainage ditch filter system of the prevention function which the hair is caught
KR200463296Y1	2008-05-13	2012-10-29	신경남	a sinkhole
USD925009S1	2018-10-25	2021-07-13	Fresh Products, Inc.	Urinal screen
US11198997B2	2014-11-05	2021-12-14	Fresh Products, Inc.	Urinal screens
USD960329S1	2014-11-05	2022-08-09	The Fresh Products, Inc.	Urinal screen
US11585078B2	2017-12-20	2023-02-21	Fresh Products, Inc.	Urinal screens
Family To Family Citations				

* Cited by examiner, † Cited by third party, ‡ Family to family citation

Similar Documents

Publication	Publication Date	Title
KR200395055Y1	2005-09-07	Comb Type Drain Trap Filter
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KR200327268Y1	2003-09-19	Drain Trap

Priority And Related Applications

Priority Applications (1)

Application	Priority date	Filing date	Title
KR20-2005-0016330U	2005-06-08	2005-06-08	Comb Type Drain Trap Filter

Applications Claiming Priority (1)

Application	Filing date	Title
KR20-2005-0016330U	2005-06-08	Comb Type Drain Trap Filter

Legal Events

Date	Code	Title	Description
2005-09-01	REGI	Registration of establishment	
2010-07-14	FPAY	Annual fee payment	Payment date: 20100714 Year of fee payment: 6
2011-09-02	LAPS	Lapse due to unpaid annual fee	

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