

Title (en)  
Draining siphon

Title (de)  
Absaugsiphon

Title (fr)  
Siphon d'aspiration

Publication  
**EP 2365144 A1 20110914 (DE)**

Application  
**EP 11001262 A 20110216**

Priority  
DE 202010002565 U 20100219

Abstract (en)  
The siphon (1) has a flow channel (4) arranged in a housing (5) and provided with a flow channel inlet and a flow channel outlet that are connected with inlet and outlet connections (2, 3), respectively. The flow channel is wound around the inlet connection, and a winding section of the flow channel serves as an odor trap. The winding section runs around a winding point, and comprises a flow channel outer side and a flow channel inner side. Distance of the flow channel inner side to the winding point amounts to 25 percentage of distance between the flow channel outer and inner sides.

Abstract (de)  
Die vorliegende Erfindung betrifft einen Absaugsiphon (1) für eine Unterputz-Abflussinstallation, der mit weniger als 0,8 Litern Spülmenge, insbesondere höchstens 0,5 Litern Spülmenge auskommt und bei dem dennoch ein ausreichender Absaugeffekt bereit gestellt wird. Der erfindungsgemäße Absaugsiphon (1) ist sehr kompakt ausgebildet und damit für alle Urinaltypen in Unterputz-Installationen einsetzbar und zudem kostengünstig herstellbar.

IPC 8 full level  
**E03D 11/18** (2006.01); **E03D 13/00** (2006.01)

CPC (source: EP)  
**E03D 11/18** (2013.01); **E03D 13/00** (2013.01)

Citation (applicant)  

- EP 1170426 A1 20020109 - GEBERIT TECHNIK AG [CH]
- DE 2447695 A1 19760408 - VIEGENER F ARMATUREN GMBH [DE]
- DE 19545907 A1 19960613 - HUTTERER & LECHNER KG [AT]
- EP 1416098 A1 20040506 - GEBERIT TECHNIK AG [CH]
- EP 1416098 B1 20051116 - GEBERIT TECHNIK AG [CH]

Citation (search report)  

- [YD] DE 2447695 A1 19760408 - VIEGENER F ARMATUREN GMBH [DE]
- [Y] WO 9927203 A1 19990603 - CLARA S A [FR], et al
- [Y] DE 10111210 A1 20021010 - MEPA DIPL ING ROBERT KUEHNEL G [AT]
- [Y] DE 202007015077 U1 20080313 - MICAS AG [DE]
- [Y] US 4158897 A 19790626 - COCHEREL MICHEL [FR]
- [Y] US 5159724 A 19921103 - VOSPER GEORGE W [CA]
- [A] EP 1586713 A1 20051019 - GEBERIT TECHNIK AG [CH]

Cited by  
CN104594490A; CN111989444A; US11408161B2; US11702832B2; US11560704B2; WO2020190302A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**DE 202010002565 U 20100219**; EP 11001262 A 20110216; EP 15003023 A 20110216