

Title (en)

DEVICE FOR LIMITING THE OUTFLOW AND SIMULTANEOUS INTERMEDIATE STORAGE OF WASTE WATER AND SEPARATION.

Title (de)

VORRICHTUNG ZUR ABFLUSSBEGRENZUNG UND GLEICHZEITIGEN ZWISCHENSPEICHERUNG VON ABWASSER SOWIE ABSCHEIDUNG.

Title (fr)

SYSTEME PERMETTANT DE LIMITER L'ÉCOULEMENT D'EAUX USEES ET SIMULTANÉEMENT DE LES RETENIR ET DE LES DECANTER.

Publication

**EP 0670969 A1 19950913 (DE)**

Application

**EP 94926153 A 19940804**

Priority

- DE 4332404 A 19930923
- EP 9402597 W 19940804

Abstract (en)

[origin: WO9508717A1] The invention relates to a device for limiting the outflow and the simultaneous intermediate storage of waste water and the separation of depositable and floating substances from waste water in which there is a swirl chamber (2) connected to the intake (1) and designed in the natural spiral shape of the eddy which has round apertures (4; 6) at the top and bottom, and the top aperture (6) seamlessly connects with a rotation-symmetrical container (8) in which a feed pipe extends centrifugally from the top aperture (6) to just below the upper edge (10) of the container.

IPC 1-7

**F15D 1/00; E03F 5/10; E03F 5/14**

IPC 8 full level

**B01D 21/26** (2006.01); **E03F 5/10** (2006.01); **E03F 5/14** (2006.01); **F15D 1/00** (2006.01)

CPC (source: EP US)

**E03F 5/101** (2013.01 - EP US); **E03F 5/106** (2013.01 - EP US); **E03F 5/14** (2013.01 - EP US); **F15D 1/0015** (2013.01 - EP US);  
**Y02A 10/30** (2017.12 - EP US)

Citation (search report)

See references of WO 9508717A1

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

**DE 4332404 A1 19950330**; AU 7611094 A 19950410; EP 0670969 A1 19950913; JP H08504010 A 19960430; US 5597492 A 19970128;  
WO 9508717 A1 19950330

DOCDB simple family (application)

**DE 4332404 A 19930923**; AU 7611094 A 19940804; EP 9402597 W 19940804; EP 94926153 A 19940804; JP 50951794 A 19940804;  
US 41164395 A 19950405