

Title (en)  
Waste water hoisting facility

Title (de)  
Abwasserhebeanlage

Title (fr)  
Installation de relèvement d'eaux usées

Publication  
**EP 2354342 A1 20110810 (DE)**

Application  
**EP 10015936 A 20101222**

Priority  

- DE 202010001472 U 20100129
- DE 202009017696 U 20091230

Abstract (en)  
The plant has a sewage manhole (1) for receiving a barrier material collector (2) and a liquid collector (3) that is formed as a partial component on a bottom side of the sewage manhole. The manhole is filled with prefiltered sewage up to a given maximum fluid level (S) by defining the liquid collector. A pump (4) is fully or partly arranged in a pump sump of the sewage manhole, where the pump is designed as a submerged or a centrifugal pump. The sewage manhole is implemented as an existing and/or prefabricated cavity with bricked walls and/or walls made of plastic or steel.

Abstract (de)  
Die Erfindung betrifft eine Abwasserhebeanlage, mit wenigstens einem Sperrstoff-Sammelbehälter (2), einem Flüssigkeits-Sammelbehälter (3) sowie einem Abwasserschacht (1) zur Aufnahme der vorgenannten Anlagenteile (2, 3). Der Flüssigkeits-Sammelbehälter (3) ist in dem Abwasserschacht (1) als dessen teilweiser Bestandteil ausgebildet.

IPC 8 full level  
**E03F 5/22** (2006.01)

CPC (source: EP)  
**E03F 5/22** (2013.01)

Citation (applicant)  

- EP 0846810 A2 19980610 - STRATE MASCHF [DE]
- EP 1108822 B1 20021023 - BECKER MICHAEL [DE]
- FR 752942 A 19331003 - POMPES ET COMPRESSEURS BAUDOT
- DE 202008011273 U1 20081030 - BECKER ELMASCH BAU GMBH [DE]

Citation (search report)  

- [X] US 2531752 A 19501128 - THOMAS RICHARD H
- [X] EP 1108822 A1 20010620 - BECKER MICHAEL [DE]
- [X] FR 2410098 A1 19790622 - SOAF [FR]
- [X] DE 29505028 U1 19950727 - BOERNER WOLF DIETER [DE]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 202010001472 U1 20100506**; EP 2354342 A1 20110810; EP 2354342 B1 20171025; HR P20180128 T1 20180309; PL 2354342 T3 20180731; SI 2354342 T1 20180228

DOCDB simple family (application)  
**DE 202010001472 U 20100129**; EP 10015936 A 20101222; HR P20180128 T 20180123; PL 10015936 T 20101222; SI 201031615 T 20101222