

Title (en)
DRAINAGE UNIT AND USE THEREOF

Title (de)
DRAINAGEEINHEIT UND VERWENDUNG DAVON

Title (fr)
UNITÉ DE DRAINAGE ET SON UTILISATION

Publication
EP 2756138 A1 20140723 (EN)

Application
EP 12780406 A 20120913

Priority

- DK PA201100706 A 20110916
- DK 2012000101 W 20120913

Abstract (en)
[origin: WO2013037372A1] A drainage pump unit (1) for drain off faecal and/or not faecal water from a building is equipped with a pump swamp (5) that is placed in a sewer line (6,6A,7) said sewer line is equipped with an overflow (7). The sewer line is connected to a water closure (11). Down in the pump swamp there is provided a pump (8) that in dependency of the amount of waste water in the pump swamp is adapted to pump waste water, via a pump sewer line (9), down streams in the sewer line after the water closure (11). In this way it is secured that the drainage unit (1) only starts the pump under extreme circumstances, such as a cloudburst, where the water closure is active, and therefor closes for drain off and conducting of waste water from for instance, a cellar in a building. A special interesting use of the drainage unit is I connection with drain off of waste water from a single family house.

IPC 8 full level
E03F 5/22 (2006.01)

CPC (source: EP)
E03F 5/101 (2013.01); **E03F 5/106** (2013.01); **E03F 5/22** (2013.01); **Y02A 10/30** (2017.12); **Y02A 20/20** (2017.12)

Citation (search report)
See references of WO 2013037372A1

Citation (examination)
DE 3310314 A1 19840927 - DALLMER HELMUTH FA [DE]

Citation (third parties)
Third party :

- US 2739662 A 19560327 - ANTONIO SOFIA
- US 3020922 A 19620213 - OURY LEVI I
- US 2421066 A 19470527 - HOWE ELRA F
- US 2549204 A 19510417 - KADDATZ OSCAR W
- DE 3310314 A1 19840927 - DALLMER HELMUTH FA [DE]
- KESSEL AG: "PROGRAMMÜBERSICHT UND PREISE.FUHREND IN ENTWÄSSERUNG 2011", January 2011, pages: 216 - 218, XP003035505
- KESSEL AG: "PRODUKT KATALOG, VERSION 4.0", July 2007, pages: HP46 - HP50, XP003035506

Designated contracting state (EPC)
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DK 2012000101 W 20120913; DK PA201100706 A 20110916; EP 12780406 A 20120913