

Title (en)
GULLEY

Title (de)
ABLAUF

Title (fr)
PUISARD

Publication
EP 3674493 A1 20200701 (EN)

Application
EP 19219711 A 20191224

Priority
NL 2022311 A 20181224

Abstract (en)
Gulley (100) comprising a gulley pot (102), an outlet (104) in a side wall of the gulley pot and a baffle (106) configured as an odour trap, wherein the outlet is configured to couple the gulley to a sewer system and has an underside (104A) defining a normal water outflow level L_{norm} , and wherein the baffle has an underside (106a) defining a minimum liquid level L_{min} to allow the baffle to act as an odour trap; the pot further comprises an infiltration outlet (108) through the side wall, to transfer liquid to the ground around the gulley when the liquid level in the pot exceeds a level L_{drain} , wherein $L_{min} < L_{drain} < L_{norm}$. The gulley comprises a removable insert part (204) configured to be inserted into the outlet and further configured to increase the liquid outflow level L_{norm} to a new outflow level L_{new} , wherein $L_{norm} < L_{new}$. The outlet has a height H , wherein $H/3 < (L_{new} - L_{norm}) < H/2$. The gulley comprises a filter element positioned in each of the at least one drainage outlet.

IPC 8 full level
E03F 5/04 (2006.01)

CPC (source: EP)
E03F 5/0401 (2013.01); **E03F 5/0403** (2013.01); **E03F 5/0404** (2013.01); **E03F 5/0405** (2013.01); **E03F 2005/0416** (2013.01)

Citation (applicant)

- NL 1005621 A1 19980928 - TBS SOEST B V [NL]
- EP 2796628 A1 20141029 - D & B INGENIEURS B V [NL]
- CN 207062678 U 20180302 - LIU HONGBIN
- CN 206205290 U 20170531 - HU SHIQIN
- NL 100561 C
- NL 2004578 C2 20111021 - GEMEENTE AMSTERDAM [NL]

Citation (search report)

- [A] CN 207062678 U 20180302 - LIU HONGBIN
- [A] DE 10348520 A1 20050519 - FUNKE KUNSTSTOFFE GMBH [DE]
- [A] KR 20140126467 A 20141031 - PERFECT CO LTD [KR]
- [A] DE 2618199 A1 19761209 - SPANBERG B
- [A] FR 2903433 A1 20080111 - REY JEAN PAUL [FR]
- [A] CN 206205290 U 20170531 - HU SHIQIN
- [A] WO 2011049253 A1 20110428 - KGC CO LTD [KR], et al
- [A] CN 106219758 A 20161214 - YELLOW RIVER ENGINEERING CONSULTING CO LTD

Cited by
US10968616B1; WO2023099768A1

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)
EP 3674493 A1 20200701; **EP 3674493 B1 20230607**; NL 2022311 B1 20200721

DOCDB simple family (application)
EP 19219711 A 20191224; NL 2022311 A 20181224