

Title (en)

ODOUR TRAP WITH CHECK VALVE AND AIR ADMITTANCE VALVE

Title (de)

GERUCHSVERSCHLUSS MIT RÜCKFLUSSVERHINDERER UND BELÜFTUNGSVENTIL

Title (fr)

SIPHON COMPRENANT UNE SOUPAGE ANTIRETOUR ET UNE SOUPAPE D'AERATION

Publication

EP 3049584 B1 20201202 (EN)

Application

EP 14787015 A 20140922

Priority

- GB 201317021 A 20130925
- GB 2014052868 W 20140922

Abstract (en)

[origin: WO2015044650A1] A trap for a waste outlet for use in drainage facilities is described which provides a water seal. The trap comprises a one-way valve (23) at the trap inlet (14) and a pressure one-way valve (24) at the trap outlet (16) such that, in addition to prevent ingress of animals from the soil pipe to the buildings, prevents ingress of odours and the water seal being sucked away. The pressure valve (24) allows in the presence of a negative pressure differential across the outlet one-way pressure valve that air can pass through the pressure valve (24) to relieve the pressure differential but in the event of a positive pressure differential, air is prevented from passing through the oneway pressure valve (24).

IPC 8 full level

E03C 1/288 (2006.01); **E03C 1/122** (2006.01)

CPC (source: EP GB RU US)

E03C 1/122 (2013.01 - RU); **E03C 1/1225** (2013.01 - EP GB US); **E03C 1/288** (2013.01 - EP GB RU US)

Cited by

CN109931685A

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

DOCDB simple family (publication)

WO 2015044650 A1 20150402; AU 2014326411 A1 20160428; AU 2014326411 A2 20160512; AU 2014326411 B2 20180802; CA 2925358 A1 20150402; EP 3049584 A1 20160803; EP 3049584 B1 20201202; ES 2837973 T3 20210701; GB 201317021 D0 20131106; GB 2534516 A 20160727; GB 2534516 B 20180718; HU E052974 T2 20210628; NZ 718465 A 20201127; PL 3049584 T3 20210504; RU 2016115747 A 20171030; RU 2016115747 A3 20180427; RU 2668333 C2 20180928; SG 11201602327P A 20160428; US 2016230375 A1 20160811

DOCDB simple family (application)

GB 2014052868 W 20140922; AU 2014326411 A 20140922; CA 2925358 A 20140922; EP 14787015 A 20140922; ES 14787015 T 20140922; GB 201317021 A 20130925; GB 201606819 A 20140922; HU E14787015 A 20140922; NZ 71846514 A 20140922; PL 14787015 T 20140922; RU 2016115747 A 20140922; SG 11201602327P A 20140922; US 201415024163 A 20140922