

Title (en)

Device for collecting and filtering rain water on traffic surfaces

Title (de)

Vorrichtung zum Sammeln und Filtern von Niederschlägen auf Verkehrsflächen

Title (fr)

Dispositif pour collecter et traiter de l'eau de pluie sur des surfaces de trafic

Publication

EP 2660400 A3 20140101 (DE)

Application

EP 13165922 A 20130430

Priority

DE 102012103954 A 20120504

Abstract (en)

[origin: EP2660400A2] The device (100) has a semicircular sedimentation container (11) whose side edge is provided with an overflow edge over a part with certain length. A dipping wall element (20) is provided with a profile leg (21) as a dipping wall, which dips into the sedimentation container. A lower edge of the dipping wall runs below the overflow edge. A vertical climb duct (14) is formed between the profile leg of the dipping wall element and the sedimentation container. A top surface of a substrate layer is covered in a housing (10) by the sedimentation container and the dipping wall element. The sedimentation container is designed as a long stretched channel.

IPC 8 full level

E03F 5/04 (2006.01)

CPC (source: EP)

E03F 3/046 (2013.01); **E03F 5/0404** (2013.01); **E03F 5/0405** (2013.01); **E03F 2005/0418** (2013.01)

Citation (search report)

- [Y] DE 20012282 U1 20010111 - INGENIEURGESELLSCHAFT PROF DR [DE]
- [Y] FR 361101 A 19060518 - JOBST RICHTER [DE]
- [Y] EP 1319764 A2 20030618 - GHISAFON S N C DI ADAMI GIOVAN [IT]
- [Y] DE 4323610 C1 19950209 - INGBUERO DR FECHTER GMBH [DE]
- [Y] US 6277274 B1 20010821 - COFFMAN LARRY STEVEN [US]
- [Y] FR 2795398 A1 20001229 - VAL CONSEIL ENVIRONNEMENT [FR]

Cited by

EP2871296A1; CN105297873A; EP3415697A3; EP2918742A1; US2016369491A1; US10047511B2; DE102014113501A1; DE102014113501B4; EP3705654A1

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)

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DOCDB simple family (application)

EP 13165922 A 20130430; DE 202013011915 U 20130430