

Title (en)

Tank for receiving waste collected by a road vehicle

Title (de)

Aufnahmebehälter für Abfälle, die von einem Straßenreinigungsfahrzeug aufgenommen werden

Title (fr)

Cuve de réception pour déchets prélevés par un véhicule de voirie

Publication

EP 2299000 A3 20130403 (FR)

Application

EP 10174081 A 20100826

Priority

FR 0904363 A 20090914

Abstract (en)

[origin: EP2299000A2] The tank (5) has a bottom wall (5a) under which a turbine (6) of an aspiration unit is placed, where the tank is placed on a frame composed of lateral pieces. A horizontal tubular portion of a suction duct of the aspiration unit forms a lower branch (8c) on which the tank is arranged, where the tank is placed between lateral branches (8a, 8b) of the duct. The lateral branches extend respectively along lateral walls (5c, 5d) of the tank for rejoining an upper part and cooperating with a particle filtration and separation unit for filtration and separation of particles inside the tank. The particle filtration and separation unit is composed of a central deflector connected to accordion shaped lateral grids coated with an anti-adhesive material.

IPC 8 full level

E01H 1/08 (2006.01)

CPC (source: EP)

E01H 1/0854 (2013.01)

Citation (search report)

- [A] FR 2912434 A1 20080815 - JUNGO VOIRIE SOC PAR ACTIONS S [FR]
- [A] EP 1707678 A2 20061004 - M SALUTE AMBIENTALE S R L SA [IT]
- [A] EP 1772564 A1 20070411 - DULEVO INT SPA [IT]
- [A] GB 2420813 A 20060607 - APPLIED SWEEPERS LTD [GB]

Cited by

CN104314028A; US11649597B2; FR3133203A1; WO2023170502A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2299000 A2 20110323; EP 2299000 A3 20130403; EP 2299000 B1 20170315; FR 2950084 A1 20110318; FR 2950084 B1 20110930

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