

Title (en)

APPARATUS FOR WASHING AND/OR CLEANING REFUSE BINS AND/OR WASTE CONTAINERS BY MEANS OF A WASHING/CLEANING SYSTEM WHICH IS ARRANGED ON A VEHICLE

Title (de)

VORRICHTUNG ZUM WASCHEN UND/ODER REINIGEN VON MÜLLTONNEN UND/ODER ABFALLBEHÄLTERN MITTELS EINES AUF EINEM FAHRZEUG ANGEORDNETEN WASCH-/REINIGUNGSSYSTEMS

Title (fr)

DISPOSITIF POUR LAVER ET/OU NETTOYER DES POUBELLES ET/OU DES CONTENEURS A ORDURES AU MOYEN D'UN SYSTEME DE LAVAGE/NETTOYAGE MONTE DANS UN VEHICULE

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Application

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Abstract (en)

[origin: WO2006117103A1] The apparatus has a drainage funnel connected with a buffer container and with a cleaning container. The cleaning container is arranged downstream of a reprocessing system for sterilization and a used-water container (17), which is coupled with a nozzle support. An UV-irradiation apparatus is arranged between the system and the used-water container and/or between the water container and the support and/or in the water container and/or in the buffer container. A pivotable nozzle apparatus for cleaning an external side of refuse bins/waste containers (3) is arranged in a washing chamber (6).

[origin: WO2006117103A1] The invention relates to an apparatus for washing and/or cleaning refuse bins and/or waste containers by means of a washing/cleaning system which is arranged on a vehicle (1), with a holding and tilting apparatus (2) for the bins and/or containers (3) to be cleaned, a washing chamber (6) and a nozzle support (4) with rinsing heads and/or nozzle assemblies (5) being provided on the rear of the vehicle. The invention is based on the object of eliminating the disadvantages of the prior art by developing a very compact refuse bin-cleaning vehicle in which, in addition to effective and complete cleaning of the inside and outside of the refuse bins, including their covers, the solid constituents of the dirty water are separated in steps - largely without the addition of additives - in conjunction with microbe reduction, so that the cleaned water can be continuously recirculated. According to the invention, this is achieved in that the drainage funnel (7) which is provided with a pump (10) is connected to a buffer container (12) and/or to a cleaning container (14) which has a fine filter, with a treatment system (15) for sterilization and a used-water container (17) which is coupled to the nozzle support (4) being arranged downstream of said drainage funnel, with a UV-irradiation apparatus being arranged between the treatment system for sterilization and the used-water container and/or between the used-water container and the nozzle support and/or in the used-water container and/or in the buffer container, and, in addition to cleaning the inside, a pivotable nozzle apparatus (20) for cleaning the outside of the bin being arranged in the washing chamber.

IPC 8 full level

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