

Title (en)

WASHING AND DISINFECTING APPARATUS, PARTICULARLY FOR ROADSIDE TRASH BINS

Publication

EP 0137416 A3 19850605 (EN)

Application

EP 84111504 A 19840927

Priority

IT 8496583 A 19831007

Abstract (en)

[origin: EP0137416A2] The invention is concerned with a washing and disinfecting apparatus, particularly for roadside trash bins (7). The entire apparatus is advantageously mounted on a vehicle (2) and comprises a robot, such as a hydraulically or pneumatically operated one, which can lift and tilt trash bins (7) to be washed and disinfected, raise and move into a working position a rotatable/translatable shower assembly (4) having one or more jets (8) arranged to sweep the whole interior surface of a bin, lay down the cleansed bin, and return the shower assembly (4) to its home position. The apparatus further comprises a superheating boiler and a pump for pressurizing water to be supplied to the rotatable/translatable shower assembly (4). The inner walls of the bin are, therefore, cleansed by the combined effect of several actions, namely: at least one mechanical action of dirt dislodgement afforded by the jet(s), a thermal action resulting from the use of the superheated water, and a chemical action provided by the admixture of a detergent to the water.

IPC 1-7

B08B 9/08

IPC 8 full level

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Citation (search report)

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