

Title (en)
TOILET BOWL CLEANING AND/OR DEODORIZING DEVICE

Title (de)
VORRICHTUNG ZUR REINIGUNG ODER DESODORIERUNG EINER TOILETTENSCHÜSSEL

Title (fr)
DISPOSITIF POUR NETTOYER ET/OU DÉSODORISER DES CUVETTES DE WC

Publication
EP 2148960 A2 20100203 (EN)

Application
EP 08767531 A 20080502

Priority

- US 2008005716 W 20080502
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- US 80050107 A 20070504
- US 80048807 A 20070504

Abstract (en)
[origin: WO2008137044A1] A rotary sprayer and method for spraying an inner surface of an enclosure, such as a toilet bowl, with a fluid are disclosed. The rotary sprayer includes a clip (110) and a rotating nozzle (120). The clip (110) includes a fluid inlet (208) and an arm (176) having a distal end section (178). The nozzle includes a circular deflection plate, and a pair of spaced apart walls extending away from a surface of the deflection plate. The walls define a channel on the surface of the deflection plate. A passageway is in fluid communication with the channel and an end space between the walls. The fluid inlet is positioned in the end space and a spindle of the nozzle is mounted to the distal end section of the arm. Fluid exiting the fluid inlet flows through the passageway and the channel and contacts an inner surface of at least one of the walls to rotate the nozzle and spray the inner surface wall of the enclosure with the fluid.

IPC 8 full level
E03D 9/03 (2006.01); **B05B 3/04** (2006.01)

CPC (source: EP)
E03D 9/032 (2013.01); **B05B 3/0486** (2013.01)

Citation (search report)
See references of WO 2008137100A2

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