

Title (en)
DEVICE FOR SPRAYING FLUIDS WITH A ROTARY SPRAYER

Title (de)
VORRICHTUNG ZUM SPRÜHEN VON FLÜSSIGKEITEN MIT EINEM DREHSPRÜHER

Title (fr)
DISPOSITIF POUR PULVÉRISER DES LIQUIDES AVEC UN PULVÉRISATEUR ROTATIF

Publication
EP 2150656 A1 20100210 (EN)

Application
EP 08767490 A 20080502

Priority

- US 2008005642 W 20080502
- US 80050107 A 20070504
- US 80049307 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
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CPC (source: EP)
E03D 9/032 (2013.01); **B05B 3/0486** (2013.01)

Citation (search report)
See references of WO 2008137044A1

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