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Rodrian

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(54) **METHOD AND APPARATUS FOR CONTROLLING A DISPENSER AND DETECTING A USER**

(56) **References Cited**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1129 days.

This patent is subject to a terminal disclaimer.

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(52) **U.S. Cl.** **242/563.2**; 242/564.1; 242/565; 222/63; 340/562; 340/686.1

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See application file for complete search history.

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(57) **ABSTRACT**

Automatic dispensers, proximity detectors and user-detection methods. A proximity detector can be used to trigger operation of the dispenser to dispense products such as towel, tissue, wipes, sheet-form materials, soap, shaving cream, fragrances and personal care products.

30 Claims, 20 Drawing Sheets

