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(54) **HAND WASHING COMPLIANCE
DETECTION SYSTEM**

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(58) **Field of Classification Search** 340/573.1
See application file for complete search history.

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(57) **ABSTRACT**

Systems and methods are provided for monitoring use of hand
washing agents to determine compliance with hand hygiene
guidelines. A hand washing agent is provided with a detect-
able, volatile compound, such as odors, which is then rubbed
onto a subject's hands using the subject's hand washing tech-
nique. After the hand washing event, the subject's hand is then
exposed to an detector (such as a badge), which includes a
sensor capable of detecting the volatile compound, and an
indicator that communicates detection of the volatile com-
pound, indicating use of the hand washing agent and hand
hygiene compliance.

4 Claims, 3 Drawing Sheets

