

(54) Title of the invention : DOOR HANDLE DISINFECTING DEVICE

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(57) Abstract :

The present invention relates to a door handle disinfecting device (100) configured to disinfect hand and door handles also. The device (100) includes a housing (102) being configured to be attached to a door handle. The housing (102) having first sensors (106) to detect presence of hand in a pre-defined are of the housing (102), and upon detection of the hand, the sanitizing agent stored in a reservoir is dispensed from an outlet nozzle (118) on the detected hand of the subject. Additionally, the housing (102) include second sensors (108) configured to detect force on the housing, when the subject hold the handle to open or close the door. Upon detection of the force, after a pre-defined time the sanitizing agent is dispensed on the housing (102) from one or more hole (202) provided on the housing (102).

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