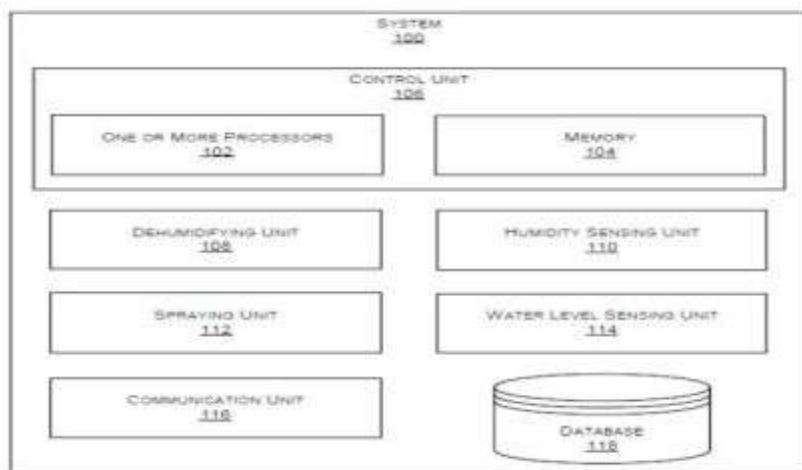


(54) Title of the invention : A DISINFECTION SYSTEM, DEVICE AND METHOD FOR CONTROLLING DEHUMIDIFICATION OF AIR

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(57) Abstract :

The present disclosure provides a disinfection system 100, device 300 and method 200 for controlling dehumidification of air. The system 100 includes: dehumidifying unit 108; humidity sensing unit 110 to sense humidity level present in air of a cabinet, and generate first data based on the sensed humidity level; and control unit 106. The control unit 106 configured to: compare the generated first data with predefined first data corresponding to a predefined humidity level of the cabinet; dehumidify, using the dehumidifying unit 108, the air of the cabinet when the sensed humidity level is greater than the predefined humidity level; and spray, using a spraying unit 112 operatively coupled to the control unit 106, a liquid into the air of the cabinet when the sensed humidity level is greater than the predefined humidity level.



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