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(57) Abstract :

A system implemented in a refrigerator for auto-filling of liquid in a container. According to an embodiment the system can include:a rack disposed in the refrigerator adapted for accommodating the container first set of sensors to detect presence of the container in the rack, and sense level of fluid in the container in real time;a control unit operatively coupled with the first set of sensors, the control unit configured to compare the sensed level of fluid with a pre-defined level, and based on the comparison if the sensed level is less than the pre-determined level the control unit generates a first signal; and nozzleconfigured to dispense the fluid to the container based on the generated first signal, wherein based on comparison when the sensed level is equal to or more than the pre-defined level the control unit generates the second signal, andwherein based on the generated second signal the nozzle stops the delivery of the fluid.



Fig 1

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