

**AUTHENTICATING WATER PURIFIER FILTER AND METHOD TO DETERMINE THE
LIFE SPAN OF THE WATER FILTER**

ABSTRACT OF THE DISCLOSURE

5 In a method of authenticating a filter (110) of a water purifier (610), characterized in that the method comprises a first step of acquiring filter information of the filter (110); determining whether the filter (110) is genuine using the filter information; and proceeding the filter (110) to a normal operation of the water purifier when the filter (110) is determined to be genuine.

10 (FIG. 2)