

Title (en)
A BIOCIDES CARTRIDGE

Title (de)
BIOZID-KARTUSCHE

Title (fr)
CARTOUCHE BIOCIDES

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Application
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Abstract (en)
[origin: EP1870381A1] The present invention relates to a biocide cartridge for use in a water purification device having an automatic water flow shutoff mechanism at end-of-life. It is an object of the present invention to provide for a biocide cartridge for use in a water purification device which has a simple and effective automatic water flow shutoff mechanism which stops the flow of water when the biocide is consumed. Accordingly, the present invention provides a biocide cartridge for use in a water purification device having an automatic water flow shutoff mechanism at end-of-life comprising an inlet for feed water and an outlet for biocide treated water, a container containing a water leachable biocide tablet resting on a base having at least one port for passage of water and a movable support stacked on said biocide tablet, an arm attached at its proximal end to said movable support and provided with a plug means at its distal end, such that as the water leachable biocide tablet is consumed, the movable support descends such that at a pre-determined end-of-life position, the plug means plugs said outlet, thereby shutting off the flow of water.

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