

(54) Title of the invention : SYSTEM AND METHOD FOR PRODUCING POTABLE WATER

(51) International classification	:C02F0001000000, C02F0001440000, C02F0001280000, C02F0009000000, E03B0003280000	(71) <b>Name of Applicant :</b> <b>1)CHITKARA INNOVATION INCUBATOR FOUNDATION</b> Address of Applicant :SCO: 160-161, SECTOR – 9C, MADHYA MARG, CHANDIGARH – 160009, INDIA Chandigarh India
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(86) International Application No	:NA	<b>3)PANSY VERMA</b>
Filing Date	:NA	<b>4)HARSH SHARMA</b>
(87) International Publication No	: NA	<b>5)RUBINA DUTTA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) for producing potable water, the system comprising: a windmill (102) having an air extraction unit (104) for extracting moisture from atmospheric air; a water purification unit (108) adapted to produce potable water by purifying the water extracted from the moisture of the atmospheric air; a flowmeter (112) configured to detect a flow of the water; an alarming unit (110) in communication with the flowmeter (112), wherein the alarming unit (110) is adapted to generate an alert when an inaccuracy in the flow of the water is detected by the flowmeter (112), and a valve (116) configured in a water conduit (114), wherein the valve (116) adapted to actuate to stop the flow of water until an initial accuracy of the flow is achieved, and a water storage tank (118) adapted to collect purified water as obtained from the water purification unit (108).

No. of Pages : 23 No. of Claims : 10