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(57) Abstract :

An automatic water harvesting system from air, comprising a primary and secondary pole 1, 2 installed over a fixed base 3, the primary pole 1 is mounted with multiple telescopic rods 4 attached with independent hook that is coupled with raschel woven net 11 wrapped around the secondary pole 2, a humidity sensor for calculating difference between the air temperature and dew, a wind sensor for detecting direction of wind flow, a semi-circular passage 5 linked with a vibration module 6, upon collection of fog and dew over the net 11, the vibration module 6 actuates after a time interval, a pH sensor for measuring pH value of the extracted water, a dispensing unit 7 for dispensing the hydrochloride water and upon detecting the water acidic in nature, the unit 7 dispense the caustic water to make the harvested water drinkable.

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