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(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards solar rechargeable air cooler system, comprising:at least one solar power detection device configured to store the solar energy and charge the circuit, at least one processing device operatively coupled to the plurality of electronic circuits and configured to receive the stored energy detected by the plurality of electronic circuits and at least one user™s cooling device configured to receive the stored solar energy.

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## Patent Search

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### Abstract:

Exemplary embodiments of the present disclosure are directed towards solar rechargeable air cooler system, comprising: at least one solar power detection device configured to store the solar energy and charge the circuit, at least one processing device operatively coupled to the plurality of electronic circuits and configured to receive the stored energy detected by the plurality of electronic circuits and at least one user's cooling device configured to receive the stored solar energy.

### Complete Specification

Claims: What is claimed is:

1. A solar rechargeable air cooler, comprising:

at least one solar panel and charging circuit configured to determine and store a required solar energy in the form of charging the circuit and the at least one circuit to convert the energy into the required form; at least one processing device operatively coupled to the air cooler; and at least one user's cooling device configured to receive the energy from the at least one solar charging unit.

2. The device of claim 1, wherein the housing further comprises at least one processing device configured to control a plurality of operations.

3. The device of claim 1, wherein the housing further comprises at least one circuit configured to store the solar energy used by the at least one processing device.

4. The device of claim 1, wherein the housing further comprises at least one energy conversion circuit for electrically powering at least one user cooling system.

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