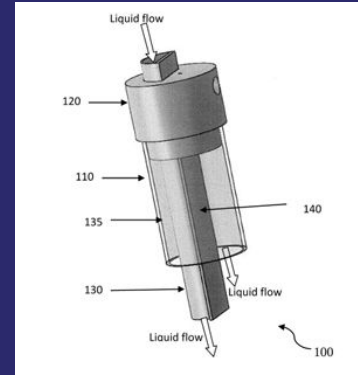


Granted IN474154

A liquid-cooled hybrid solar energy collector



NEED

There is a need for an improved means to address difficulties in maintaining system evacuation during operation mode.

SOLUTION

The invention provides a liquid-cooled hybrid solar energy collector and a method for cooling photovoltaic solar cells.

INNOVATION

The liquid-cooled hybrid solar energy collector includes transparent and absorber tubes with inlets and outlets for cooling photovoltaic solar cells from both front and rear sides.

MARKET ANALYSIS

Market: Hybrid Solar Collectors
CAGR: Expected to grow due to increasing renewable energy initiatives.
Potential Indian Clients: Solar energy companies, utilities, large industrial plants.

WHY INVEST?

- Liquid-cooled
- Heat dissipation
- Electrical yield
- Efficiency

AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC F01M
- Domain
Renewable Energy



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