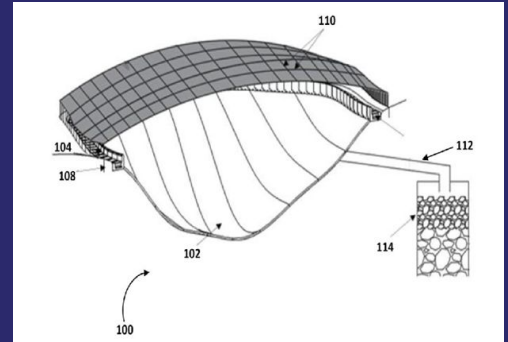


Granted IN368133

A system and method for purifying and collecting rainwater under natural slopes



NEED

Conventional water collection methods are costly and inefficient, necessitating a low-cost solution for purifying and storing water in water-deficient regions.

SOLUTION

The invention offers an integrated approach using alkali-activated concrete cloth and pervious concrete blocks for rainwater purification and collection.

INNOVATION

The system utilizes innovative materials and techniques, such as alkali-activated concrete cloth and pervious concrete blocks, to efficiently purify and collect rainwater without excavation.

MARKET ANALYSIS

Market: Environmental sustainability, rural water management.

CAGR: Approximately 7-9%, growing focus on sustainable water solutions.

Potential Indian Clients: Rural communities, environmental agencies.

WHY INVEST?

Rainwater collection

Low-cost

Alkali-activated concrete cloth

Natural slopes

AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC CO4B, E01C, E02B
- Domain
Water purification and storage.



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