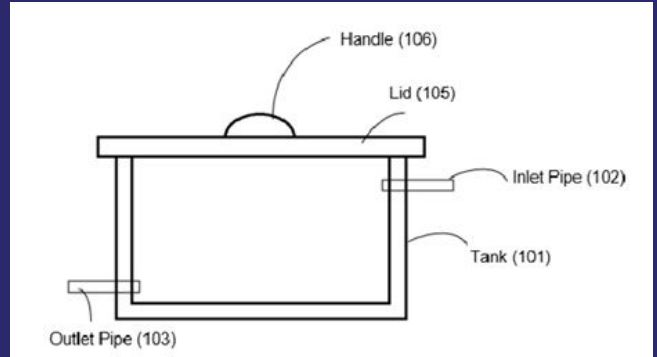


Granted IN318648

Self purifying pervious concrete filter



NEED

Existing methods of water purification using oxidizing agents are costly, altering water taste, hindering accessibility, especially in developing countries.

SOLUTION

The invention offers a solution by utilizing rainwater harvesting techniques and pervious concrete filters for cost-effective and accessible water purification.

INNOVATION

Introducing a pervious concrete filter incorporating fly ash aggregates and selected ingredients to efficiently remove impurities and biological contaminants from water, enhancing water purification processes economically and effectively.

MARKET ANALYSIS

Market: The global water purification market, particularly focusing on rainwater harvesting and sustainable water treatment technologies. CAGR: The global water purification market is projected to grow at a CAGR of about 7.5% from 2020 to 2027.

Potential Indian Clients: Indian Government Agencies, Municipalities and local government bodies, NGOs in Water Sector, Construction and Infrastructure Companies

WHY INVEST?

Pervious concrete
Rainwater
Filtration
Cryptosporidium



AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC B01D
- Domain

Water purification technology, specifically rainwater purification for drinking using pervious concrete.

For more information, reach out to (contact person), (designation), (organization) at (email ID) and (phone number)

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