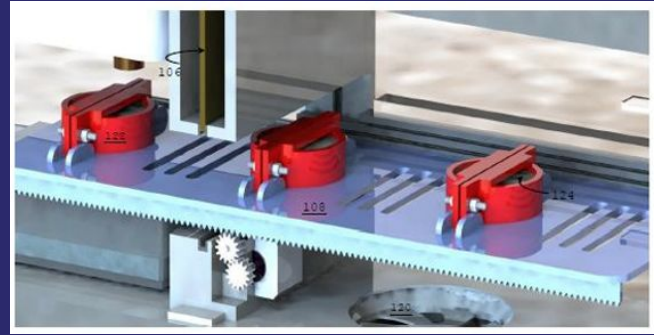


Granted IN454350

Method of and apparatus for determining sorption characteristics of concrete



NEED

Existing methods for assessing water sorption characteristics of concrete lack precision, ease of handling, and proper conditioning, hindering accurate testing.

SOLUTION

The invention aims to provide a compact, fully automated apparatus with precise measurement and proper conditioning for testing concrete sorption characteristics.

INNOVATION

Development of an integrated apparatus and method for determining sorption characteristics of concrete, incorporating conditioning and testing chambers with precise measurement capabilities and automated movement control assembly.

MARKET ANALYSIS

Market: Construction quality control.
CAGR: Approximately 5-7%, growing focus on infrastructure longevity.
Potential Indian Clients: Construction companies, quality assurance labs.

WHY INVEST?

Porous constructional material
Concrete
Electro magnets
Conditioning chamber

AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC E04D
- Domain
Concrete durability testing.



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



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