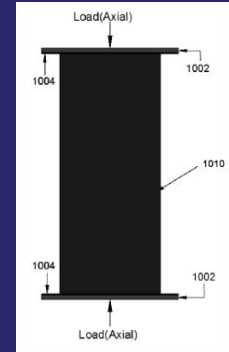


Granted IN201711014300

System and method of reinforcement of masonry structures with frp laminates



NEED

Existing reinforcement systems for masonry columns require rounding sharp edges, which is time-consuming and may weaken the structure.

SOLUTION

The invention introduces a reinforcement system and method for masonry columns, enhancing strength without rounding edges.

INNOVATION

The method innovatively utilizes fiber reinforced polymer (FRP) sheets to reinforce masonry columns without the need for rounding edges, optimizing structural integrity.

MARKET ANALYSIS

Market: Global construction reinforcement market.

CAGR: Approximately 5-6% from 2021 to 2028.

Potential Indian Clients: Construction companies, government infrastructure agencies, architectural firms, urban development authorities, heritage conservation organizations.

WHY INVEST?

Masonry structures

Fiber Reinforced Polymer (FRP)

AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC E04C
- Domain
Construction and civil engineering



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