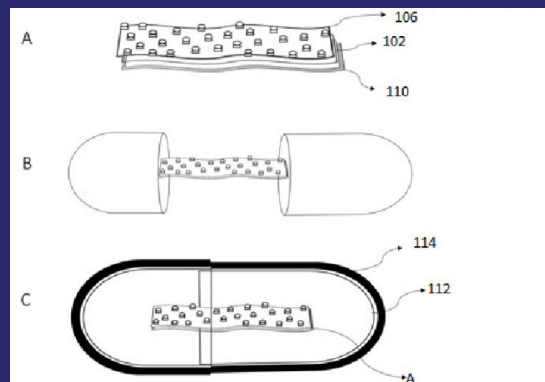


Granted IN383805

A targeted drug delivery system comprising a polymeric film in capsule



NEED

Current cancer treatments, such as chemotherapy, often lead to adverse side effects due to non-selective drug distribution throughout the body.

SOLUTION

The invention presents a targeted drug delivery system to selectively release drugs at tumor sites, minimizing adverse effects on healthy tissues.

INNOVATION

The invention introduces a novel targeted drug delivery system comprising a polymeric film with specific layers and functional components to achieve controlled and directed drug release, potentially enhancing treatment efficacy and reducing side effects.

MARKET ANALYSIS

Market: Targeted drug delivery systems, particularly for cancer treatment

CAGR: estimated to be around 6-7% based on the latest trends in pharmaceuticals and healthcare.

Potential Indian Clients: Pharmaceutical companies, research institutions focusing, hospitals and healthcare providers.

WHY INVEST?

Controlled Drug delivery system

Polyelectrolyte polymers

Layer-by-layer film

pH-sensitive coating

AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A61K
- Domain
Healthcare, Pharmaceutical Technology



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