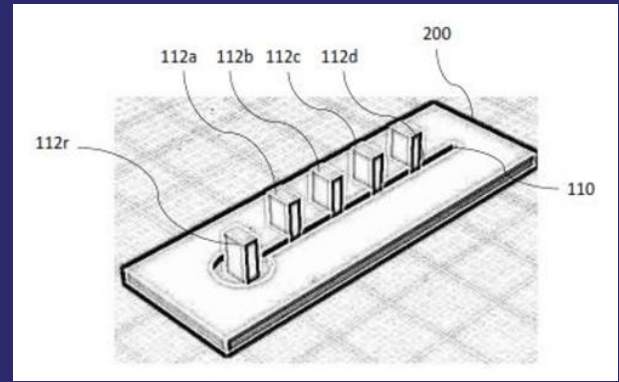


Granted IN492882

# A system for measuring viscosity and method thereof



## NEED

Existing viscometers are bulky, expensive, and lab-based, limiting their usage; there's a need for a more versatile and efficient solution.

## SOLUTION

The present invention offers a system and method for measuring fluid viscosity, particularly a microfluidic-based approach.

## INNOVATION

The system utilizes microchannels and electrodes to measure viscosity, offering a portable, cost-effective, and efficient solution for viscosity measurement.

## MARKET ANALYSIS

Market: Laboratory Equipment and Industrial Process Monitoring

CAGR: Approximately 4-5%

Potential Indian Clients: Pharmaceutical companies, food and beverage manufacturers, oil and lubricant companies, research laboratories

## WHY INVEST?

- Viscosity
- Microfluidic
- Secondary electrodes
- Power supply

## AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A61N, C02F, G01N, H03F
- Domain  
Fluid Dynamics and Microfluidic Technology



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