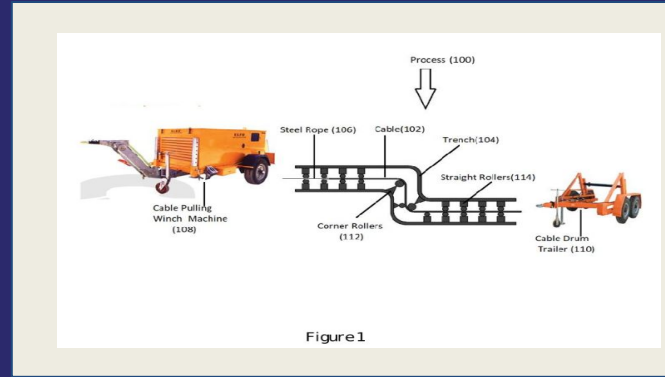


Granted IN201911019492

# A load simulator for testing winch machine



## NEED

There's a need for an efficient method to test winch machines under variable load conditions, considering factors like speed and manipulation of parameters.

## SOLUTION

The invention offers a load simulator designed specifically for testing winch machines, providing dynamic testing under variable load conditions.

## INNOVATION

Introducing a load simulator with hydraulic motors and a simulator PLC, capable of generating variable loads based on real-time resistance data for precise performance testing of winch machines.

## MARKET ANALYSIS

Market: Industrial machinery and equipment testing

CAGR: varying but are generally showing steady growth.

Potential Indian Clients: Industrial machinery manufacturers, especially those involved in cable laying equipment production.

## WHY INVEST?

- Load simulator
- Hydraulic motor
- Proportional pressure relief valve
- Speed characteristics

## AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A62B, B66D, F03D, F16H
- Domain  
Testing equipment



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



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