

Technology Transfer

Area of Technology: Mechanical Engineering

Title of the Innovation: I-COS (IGNITION CUT OFF SYSTEM)

Brief About Innovation

The present system, in general, relates to an ignition cut off system of an engine of a two-wheeler vehicle. More particularly, the present invention relates to an ignition cut off system, which does not allow igniting an engine of a two-wheeler vehicle if any stand of the two-wheeler vehicle is engaged and if a driver below than a specific weight tries to start the vehicle.

Salient Features:

- The principal object of the present invention is to provide an ignition cut off system, which does not allow igniting an engine of a two-wheeler vehicle if any stand of the two-wheeler is engaged and if a driver below than a specific weight tries to start the vehicle.
- Another object of the present invention is to provide the ignition cut-off system installed at side stand and centre stand of the two-wheeler vehicles, comprises of a control circuit box, a centre stand guide plate, a side stand guide plate, two brake switch devices and a load cell fixture.
- This invention comprises of a control circuit box, a centre stand guide plate, a side stand guide plate, two brake switch devices and a load cell fixture.
- In this invention the ignition cut-off system is provided when the side stand and centre stand of the two-wheeler vehicle are engaged then the brake switch is pressed to cut off the ignition of the engine and when minor age people (below 35kg) shall try to drive two-wheeler then ignition is cut off.