



Mechanical Intelligent Gasoline Nozzle

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One of the common problems with refueling at gas stations is that gasoline spills out of the nozzle before and after refueling operations. This causes ignition, contamination of drivers' clothes with gasoline, etc. In this invention, a simple mechanism is used to deactivate the gasoline nozzle (due to the ignition power of gas, it is impossible to use electrical circuits), which does not allow gasoline to flow until it collides with the gasoline tank. This invention can reduce the potential for refueling at all gas stations. This invention uses a simple mechanical mechanism as a lever and can connect to various types of gasoline nozzles.

- **Advantages:**
- **reducing the amount of oil or fuel wasted and drop out from the tank nozzle**
- **reducing an explosion risk, with respect to the first advantage**
- **protecting clothes and shoes from harm by oil/gasoline**
- **Environmental protection by reducing the amount of oil or fuel wasted and drop out from the tank nozzle**
- **Reducing an explosion risk, with respect to the first advantage**
- **Protecting clothes and shoes from harm by oil/gasoline**
- **cost-effectiveness of industrial optimization**



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