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(54) Title of the invention : GAS LEAKAGE PREVENTION SYSTEM

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(57) Abstract :

A gas leakage detection and prevention system comprising at least two sensors installed in system for sensing a leakage of flammable gas, a microcontroller connected with the sensors for comparing value sensed by the sensor with a threshold value and generating a command signal upon exceeding the predefined value, at least two pumps 1 in association with pipes 2 placed over a cylinder 8, wherein the pump(s) 1 actuates on receiving the command signal, at least two storing chambers 4 connected with the pump(s) 1 filled with anti-leakage agents for storing the agents, wherein the chamber 4 releases the agents upon actuation of the pump(s) 1, plurality of holes 3 fabricated on the pipe(s) 2 for releasing the agents upon detection of the leakage.

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