

A modern electronics based fire extinguisher

Seeking parties interested in licensing and commercializing of technology.

Applications:

- Fire extinguisher

Technology Description:

This invention is a new technique for use in fire extinguishers. It is an electronic based fire extinguisher comprising of power source, power amplifier with tone generator and sub woofer. The sub-woofer is connected to the bottom of hollow cylinder which is made up of steel. When fire occurs, the sound wave from sub-woofer creates stationary waves which contains highly compressed gas and also it contains rarefaction, reduces the flame and also push out oxygen from fire. The amplifier which has a power button to activate the sound and has a potentiometer to control the frequency sub woofer is connected from amplifier, setting of the desired frequency in between 20hz to 50 Hz, the woofer produce more bass, to extinguish the fire.

Advantages of the Technology:

- Its easily extinguishes fire, it is very clean and nontoxic.
- The sound Waves separate the oxygen [in the fuel] from the fire.

Development Status:

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Technology Transfer from the institute: For more details