

SHOOT PULVERIZING DEVICE FOR FIRE EXTINGUISHMENT AND GENERAL PROTECTION



Device and container for substance pulverized in parts (left) and ready for use (right)

Areas of Application

The device is to be used for fire extinguishment and prevention of leakage of hazardous substances during natural and manmade catastrophes

Specification

The fire extinguisher tube is charged/recharged with one-liter plastic bottle for 3–5 s.
The range capability is from 5 to 25 m depending on composition of pulverized mixture and pulverization mode set by special charge

Weight of empty device, kg 5.5
Weight of charged device, kg 6.5

Advantages

The principal advantage is that no special treatment of water or other fire-fighting agents is required for fire extinguishment. The device has a large range capability and a small weight. The device configuration does not require any special skills for its use. The device can pulverize untreated water, sand, soil, snow, available fine-graded materials. No need to transport the containers for fire-extinguishing substances to service station or service center for charge/recharge

Stage of Development. Suggestions for Commercialization

IRL4, TRL4
Seeking partners for manufacture of cost-effective device

IPR Protection

IPR3

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