

Title (en)
Fire extinguisher.

Title (de)
Feuerlöscher.

Title (fr)
Extincteur.

Publication
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Application
EP 79300241 A 19790216

Priority
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Abstract (en)
A fire extinguisher comprises a container 1 formed of a glass or other breakable material, and a fire extinguishing material 2 sealed in the container 1. The container 1 is detachably mounted on a ceiling or wall of a room by means of end caps 4 and 5 having projections 6 and 7 engaged in grooves 11 and 12 of a U-shaped bracket 10 mounted on the ceiling or wall. The container 1 breaks into pieces when subjected to a specified temperature of less than 100 DEG C to release the fire extinguishing material 2 in all directions. In another embodiment, a container is provided with many holes plugged with plugs of at least two different melting points or fire points so that under initially the holes with low melting plugs open and if the fire takes hold the holes with higher melting plugs open. The material 2 contains disodium hydrogen phosphate, sodium sulfate, sodium bicarbonate and ammonium carbonate.

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CPC (source: EP)
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Citation (search report)

- US 3172852 A 19650309
- US 1793420 A 19310217 - JULIAN BLOCK DAVID
- US 3918526 A 19751111 - HATTORI YASUZO, et al
- FR 2110740 A5 19720602 - BROWN JEAN PIERRE

Cited by
CN103949032A; CN111991724A; CN114365328A; FR2763250A1; EP0878213A3; ES2291114A1; DE102005042250A1; EP0263570A1; WO2004110560A1; WO9100122A1; WO2007110457A1; WO2021246605A1

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