

Title (en)

Deflagration minimization device on a metallic container in case of accidental internal overpressure

Title (de)

Vorrichtung zur Minimierung der Verpuffung eines Metallbehälters im Falle gefährlichen Überdrucks im Innern

Title (fr)

Dispositif de minimisation des effets déflagrants d'une enceinte métallique en cas de surpression interne accidentelle.

Publication

EP 1170568 A3 20020403 (FR)

Application

EP 01401693 A 20010626

Priority

FR 0008516 A 20000630

Abstract (en)

[origin: EP1170568A2] The missile body (2), containing propergol (4) and a thermal insulation lining (7), has a pyrotechnic system (6) fixed to it which bursts its wall if it detects excess pressure inside the body resulting e.g. from a fire in the surrounding area. The pyrotechnic system can be mounted on the outside or inside of the missile body wall, and can be set off by heat or by physical or chemical conditions detected by a sensor.

IPC 1-7

F42B 39/20

IPC 8 full level

F42B 39/14 (2006.01); **F42B 39/20** (2006.01)

CPC (source: EP US)

F42B 39/14 (2013.01 - EP US); **F42B 39/20** (2013.01 - EP US)

Citation (search report)

- [X] US 4478151 A 19841023 - VETTER RONALD F [US], et al
- [X] US 5129326 A 19920714 - BROGAN ROBERT [US]
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EP1923659A1; EP2113733A1; FR2908506A1; US7913608B1

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