

Title (en)  
SUPERCOOLED LIQUID THERMAL GENERATOR AND IMPROVED TRIGGERING DEVICE

Publication  
**EP 0366731 A4 19901212 (EN)**

Application  
**EP 88910263 A 19880422**

Priority  
US 8801327 W 19880422

Abstract (en)  
[origin: WO8910520A1] A triggering device (15) for use in combination with a triggerable thermal energy storage medium (13) within a flexible cover (11). Triggering device (15) is a closed turn stiff helical metallic spring and of sufficient length to be forcibly distorted through the walls of the cover (11) by the fingers to return to its former shape after removal of the force. The triggering device (15) is immersed in the energy storage medium (11) which preferably is sodium acetate. In one embodiment the spring (15) is located in a corner of the cover (11) which is partially isolated from the reminder of the interior of the enclosure (11) by a series of heat sealed segments (14).

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**F24J 1/00**

IPC 8 full level  
**B01D 9/00** (2006.01); **F28D 20/02** (2006.01)

CPC (source: EP)  
**B01D 9/005** (2013.01); **F28D 20/028** (2013.01); **Y02E 60/14** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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