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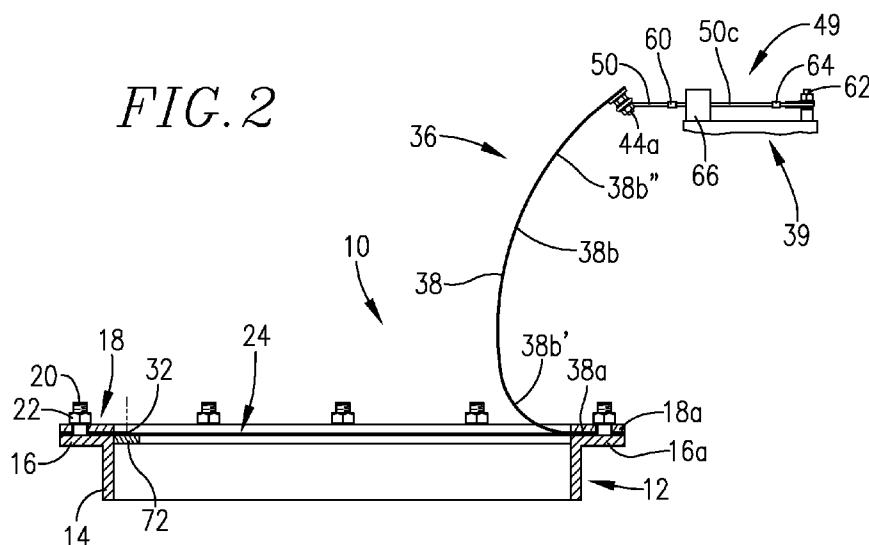
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[Continued on next page]

(54) Title: HIGH OVERPRESSURE VENT STRUCTURE HAVING SPRING STEEL RECLOSER PANEL

FIG. 2



(57) Abstract: Apparatus for protecting a confined space having a vent aperture for relief of an overpressure condition and provided with a vent unit having a pressure relief portion normally closing the vent aperture is provided with recloser structure for generally closing off the vent aperture in the event of opening of the pressure relief portion of the vent unit. The recloser structure includes a resilient, flexible, spring steel recloser panel that is normally held in a bent condition out of closing relationship to the vent aperture. Releasable mechanism engages the recloser panel for normally retaining the panel in its open position. An actuator is connected to the releasable mechanism for actuating the latter to release the recloser panel for movement as a function of its inherent resilience into substantially closing relationship to the vent aperture after the relief portion of the vent unit has opened.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - F16K 17/16 (2008.04)

USPC - 220/89.2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - B65D 90/32; F16K 17/16 (2008.04)

USPC - 43/58, 59; 52/98; 105/426; 137/68.13, 68.21, 68.23, 68.26, 797; 220/89.2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PatBase, Google Patent, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,276,725 A (ASH) 07 July 1981 (07.07.1981) entire document	1-27
Y	US 4,821,909 A (HIBLER et al) 18 April 1989 (18.04.1989) entire document	1-27
Y	US 4,621,945 A (SCHAFFER et al) 11 November 1986 (11.11.1986) entire document	1-27
Y	GB 1 305 014 A (SHARMAN et al) 31 January 1973 (31.01.1973) entire document	13-16
Y	US 4,403,626 A (PAUL JR) 13 September 1983 (13.09.1983) entire document	17-19

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