Title: ENCLOSURE SYSTEM FOR PRESSURE RELIEF DEVICE

Abstract: An enclosure (10) for a pressure relief device (12) mounted on electrical equipment housings (6), is pre-assembled together with the pressure relief device (12). The enclosure (10), which provides for temporarily confining and directing fluids discharged from the pressure relief device (12), is pre-assembled leaving a clearance space (H) so that the pressure relief device (12) can be mounted on the housing (6) with the enclosure system in place. A peripheral shield (70) with an opening (80) for attaching the enclosure (10) to a discharge pipe or other duct work remains rotatable until deliberately secured in place. Components can be shared between the enclosure (10) and the pressure relief device (12) to provide a more efficient and cost effective design.
Published: — with international search report
       — before the expiration of the time limit for amending the
         claims and to be republished in the event of receipt of
         amendments

(88) Date of publication of the international search report: 8 December 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : F16K 35/00  
US CL : 137/382; 251/127; 220/726

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)

U.S.: 137/382, 377, 315.04, 315.33; 251/127; 220/726

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)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 5,937,893 A (HERZ) 17 August 1999 (17.08.1999), See figs. 8 and 9.</td>
<td>36</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>1-2, 13-13, 31</td>
</tr>
<tr>
<td>X</td>
<td>US 328,840 A (DE WITT) 20 October 1885 (20.10.1885), see entire document.</td>
<td>24-26</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>1-2, 10-13, 31</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.  See patent family annex.

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>Special categories of cited documents:</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>document defining the general state of the art which is not considered to be of particular relevance</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>earlier application or patent published on or after the international filing date</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td>
<td></td>
</tr>
<tr>
<td>O</td>
<td>document referring to an oral disclosure, use, exhibition or other means</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>document published prior to the international filing date but later than the priority date claimed</td>
<td></td>
</tr>
</tbody>
</table>

Date of the actual completion of the international search: 13 September 2005 (13.09.2005)

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Date of mailing of the international search report: 13 OCT 2005

Authorized officer

John Rivell  
Panineli Specialist  
Tech. Center 3700

Form PCT/ISA/210 (second sheet) (April 2005)