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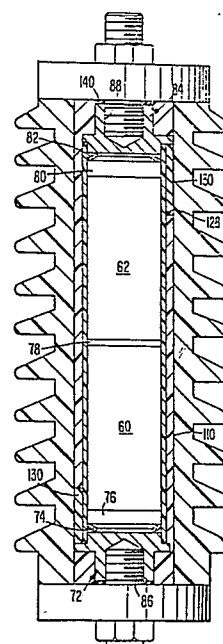
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## 54 Modular electrical assemblies with pressure relief.

57 A modular electrical assembly (52) is enclosed in an elastomeric weathershed housing (58), and has a plurality of electrical components (60,62) aligned in a row and in electrical connection with one another via their axially-directed ends and under an axially-directed compressive force via a non-conductive filament winding (64). The filament winding (64) defines a crisscross pattern with lateral openings (128) for venting gas upon failure of one of the electrical components (60,62). The openings (128) can be filled with fracturable epoxy or other insulating materials (130) such as silicone grease.

FIG. 2.





| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                               |                                                      |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim                                    | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DE-A-3001943 (KONSTANTINOVIC)<br>* page 10, lines 16 - 27 *                   | 1.                                                   | H01T1/15<br>H01C7/12                          |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | * page 21, line 22 - page 22, line 12; figure 11<br>*<br>---                  | 2, 4, 6,<br>7, 10.                                   |                                               |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DE-A-3544141 (RAUDABAUGH)<br>* page 12, lines 5 - 12; figure 2 *              | 1.                                                   |                                               |
| D,A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | & US-A-4656555<br>---                                                         |                                                      |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-A-3283196 (PARKER)<br>* column 2, lines 8 - 41; figure 1 *                 | 1.                                                   |                                               |
| D,A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-A-4467387 (BERGH)<br>-----                                                 |                                                      |                                               |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                               |                                                      | TECHNICAL FIELDS SEARCHED (Int. Cl.4)         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                               |                                                      | H01T<br>H01C                                  |
| Place of search<br>THE HAGUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                               | Date of completion of the search<br>05 DECEMBER 1989 | Examiner<br>BIJN E.A.                         |
| <b>CATEGORY OF CITED DOCUMENTS</b><br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document<br>T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>.....<br>& : member of the same patent family, corresponding document |                                                                               |                                                      |                                               |