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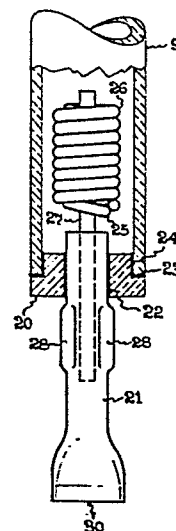
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⑤④ **Electrode structure for high pressure sodium vapor lamps.**

⑤⑦ An electrode structure for sodium vapor lamps is disclosed having molybdenum metal wire coils wound around a tungsten shank to replace the customary all-tungsten electrode structure in these lamps. The improved electrode structures provide increased initial lumens with acceptable lumen maintenance.

*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. *) |
| X   | US-A-3 405 303 (KOURY et al.)<br>* Whole document *  | 1,2,7  | H 01 J 61/073                                  |
| A   | ---<br>US-A-3 708 710 (SMYSER et al.)<br>* Column 3, line 60 - column 5,<br>line 33; figures 1-5 *   | 1-8  |  |
| A   | ---<br>GB-A-1 116 977 (EGYESÜLT<br>IZZOLAMPA)<br>* Page 2, line 119 - page 3, line<br>61; figure 1 * | 1-4,7  |  |
|   | -----  |  |  |
|   |  |  | TECHNICAL FIELDS SEARCHED (Int. Cl. *)         |
|   |  |  | H 01 J 61/00                                   |
| The present search report has been drawn up for all claims  |  |  |  |
| Place of search<br>THE HAGUE  |  | Date of completion of the search<br>11-05-1984   | Examiner<br>SARNEEL A.P.T.                     |
| CATEGORY OF CITED DOCUMENTS   |  | 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>& : member of the same patent family, corresponding document |  |
| 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 |  |  |  |