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# EUROPEAN PATENT APPLICATION

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54 Improvements in or relating to metal vapour discharge lamps.

57 A metal vapour discharge lamp includes a heat sink material (4) which is in thermal contact with the lamp exhaust tube (5). The heat sink material (4) bridges a gap between the exhaust tube (5) and a metal eyelet (1) mounted in an end cap (2) of the lamp. The heat sink material may be contained within a metal cap (10).

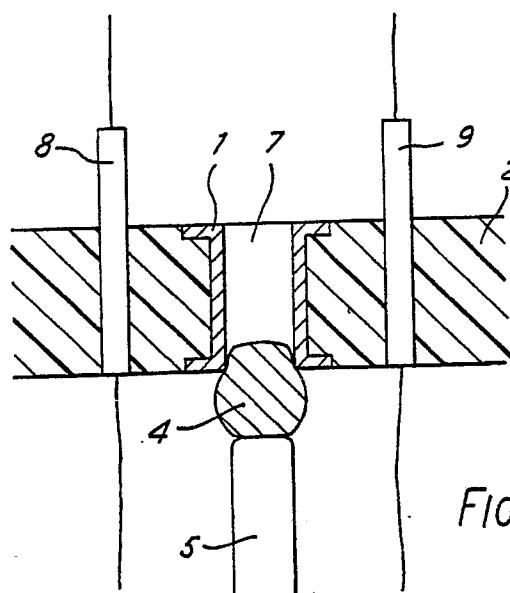


FIG.2



| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                     |                                                                                                                                  |                                                                                                                                                                                                                                                                              | EP 87310167.9                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Category                                                                                                                                                                                                                | Citation of document with indication, where appropriate, of relevant passages                                                    | Relevant to claim                                                                                                                                                                                                                                                            | CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>5</sup> )   |
| Y;X                                                                                                                                                                                                                     | CENTRAL PATENT INDEX, JAPANESE PATENT ABSTRACTS UNEXAMINED, Derwent, London DW 7805, JP - A - 52-149 883 & JP-A-52-149 883<br>-- | 1,2;6, 14;3-5                                                                                                                                                                                                                                                                | H 01 J 61/52<br>H 01 J 61/02<br>H 01 J 61/18<br>H 01 J 61/36 |
| Y                                                                                                                                                                                                                       | US - A - 3 936 686 (MOORE)<br>* Column 2, line 54 - column 3, line 9 *<br>--                                                     | 3-5                                                                                                                                                                                                                                                                          |                                                              |
| A                                                                                                                                                                                                                       | EP - A2 - 0 173 962 (PATENT-TREUHAND)<br>* Abstract; fig. 1,4,6,7 *<br>----                                                      | 1,14                                                                                                                                                                                                                                                                         |                                                              |
|                                                                                                                                                                                                                         |                                                                                                                                  |                                                                                                                                                                                                                                                                              | TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>5</sup> )           |
|                                                                                                                                                                                                                         |                                                                                                                                  |                                                                                                                                                                                                                                                                              | H 01 J 61/00                                                 |
| The present search report has been drawn up for all claims                                                                                                                                                              |                                                                                                                                  |                                                                                                                                                                                                                                                                              |                                                              |
| Place of search<br>VIENNA                                                                                                                                                                                               |                                                                                                                                  | Date of completion of the search<br>10-04-1990                                                                                                                                                                                                                               | Examiner<br>KUTZELNIGG                                       |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                             |                                                                                                                                  |                                                                                                                                                                                                                                                                              |                                                              |
| 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 |                                                                                                                                  | 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 |                                                              |