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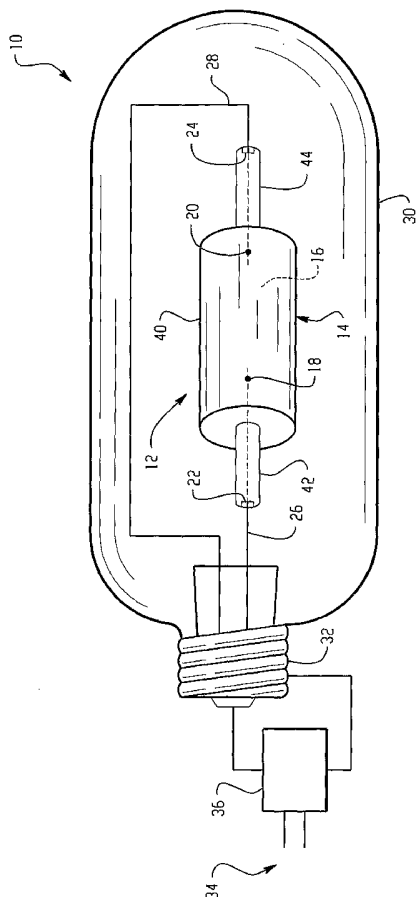
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[Continued on next page]

(54) Title: CERAMIC METAL HALIDE LAMP WITH OPTIMAL SHAPE



(57) Abstract: A metal halide lamp (10) has a ceramic arc tube (12) with an inside length L, an inside diameter D, and an aspect ratio L/D of between about 1.5 and about 2.0 containing a suitable fill. The lamp may have a power rating of 200 W or more and can be used with an existing ballast.

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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

(88) Date of publication of the international search report:

20 April 2006

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/003115

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J61/30 H01J61/82

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 7 H01J

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 555 962 B1 (JACKSON ANDREW D ET AL) 29 April 2003 (2003-04-29) cited in the application	1
X	abstract column 2, line 23 - column 3, line 57 figures 2,6,7a-d	2,5-9
Y	US 6 583 563 B1 (VENKATARAMANI VENKAT SUBRAMANIAM ET AL) 24 June 2003 (2003-06-24) cited in the application	1
X	abstract	2,6,8-10
X	US 4 161 672 A (CAP, DANIEL M ET AL) 17 July 1979 (1979-07-17) abstract column 3, lines 8-10 column 10, lines 36-40	1,3-5

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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