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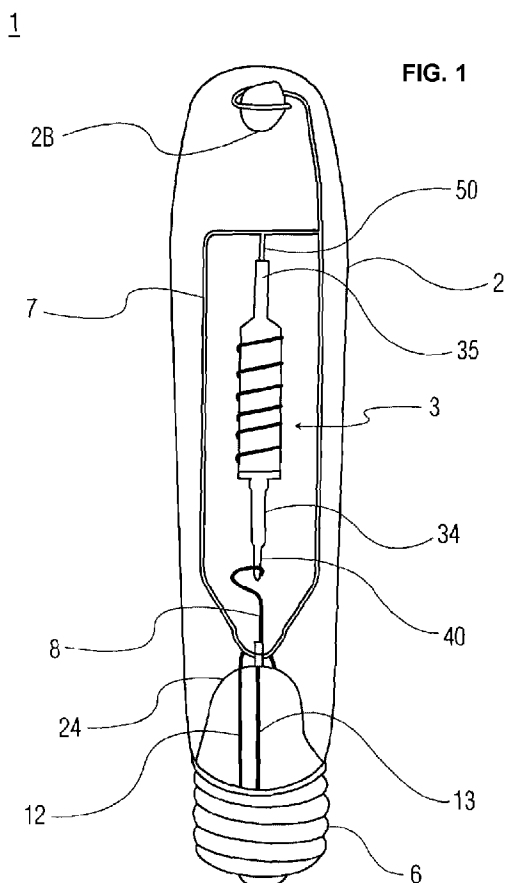
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(54) **Title:** CERAMIC METAL HALIDE DAYLIGHT LAMP



(57) **Abstract:** A ceramic metal halide lamp (1) of the present invention has a ceramic discharge tube (3) and two electrodes (4, 5) mounted in an outer glass envelope (2). The discharge tube (3) is filled with mercury, a starting gas such as xenon and a mixture of metal iodides including in weight percent (wt.%): about 5-35% sodium iodide, about 1-6% thallium iodide, about 55-86% thulium iodide and/or dysprosium iodide, about 0-15% calcium iodide and about 0-3 1% of dysprosium and/or holmium iodide. The lamp has a light output characterized by a relatively high color temperature (around 5000K or higher), making it suitable for use as a daylight lamp.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
HOIJ

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.
X	US 2004/189212 A1 (ASHIDA SEIJI [JP] ET AL) 30 September 2004 (2004-09-30) paragraphs [0134], [0138], [0148], [0149], [0160], [0206]; claim 1; figures 1,2; example 4; table 2	1-5,9-11
A	WO 2005/088675 A (KONINKL PHILIPS ELECTRONICS NV [NL]; GEIJTENBEEK JOHANNES J F [NL]; DU) 22 September 2005 (2005-09-22) page 2, line 17 - line 34	
A	US 4 801 846 A (KRAMER JERRY [US] ET AL) 31 January 1989 (1989-01-31) column 4, line 15 - line 20	

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

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"&" document member of the same patent family

Date of the actual completion of the international search 15 July 2008	Date of mailing of the international search report 25/07/2008
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Smith, Christopher
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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