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DE FR GB NL(88) Date of deferred publication of the search report:
08.04.92 Bulletin 92/15(71) Applicant: **MATSUSHITA ELECTRIC
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A.A. THORNTON & CO. Northumberland
House 303-306 High Holborn
London WC1V 7LE(GB)**(54) **Metal halide lamp and method of making the same.**

(57) A metal halide lamp is made by coating the inner surface of a luminous tube made of quartz glass with hafnium oxide, uranium oxide, hafnium oxide partially stabilized with yttrium oxide or uranium oxide partially stabilized with yttrium oxide by introducing therein a vapour of metal chelate containing hafnium (Hf), uranium (U) or yttrium (Y) and oxygen (O₂), nitrogen suboxide (N₂O) or ozone (O₃) as a reaction gas, and sealing the inside of the luminous tube with a halogenide of alkali metal, mercury and argon.

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EUROPEAN SEARCH REPORT

Application Number

EP 91 30 1128

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.5)
X	GB-A-1 188 015 (THE GENERAL ELECTRIC AND ENGLISH ELECTRIC CO. LTD) * Page 1, lines 28-31; page 2, lines 24-49,87-103 *	1	H 01 J 61/35 H 01 J 9/24
A	---	2	
A	GB-A-1 194 818 (PHILIPS ELECTRONICS AND ASSOCIATED INDUSTRIES LTD) * Page 1, lines 38-46, line 79 - page 2, line 10 *	1,2,5	
A	---		
A	CH-A- 672 380 (BBC AKTIENGESELLSCHAFT BROWN, BOVERI & CIE.) * Abstract; claims 1,2; page 3, left-hand column, lines 64-65 *	1,2	
A	---		
A	NL-A-8 202 778 (N.V. PHILIPS' GLOEILAMPENFABRIEKEN) * Page 2, paragraph 3; claim 1 *	1	
A	---		
A	GB-A-2 027 689 (GTE SYLVANIA INCORP.) * Abstract; page 1, lines 20-22 *	2	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	---		
A	FR-A-2 145 382 (COMMISSARIAT A L'ENERGIE ATOMIQUE AND ENTREPRISE DE RECHERCHES ET D'ACTIVITES PETROLIERES (ELF)) * Page 2, lines 3-5; claim 3 *	5	H 01 J C 03 C

The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		02-10-1991	MARTIN Y VICENTE M.A.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

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- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims,

namely claims: 1,2,5 (as far as it depends upon claim 2)



LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions,

namely:

1. Claims 1,2,5 (as far as it depends upon claim 2).
2. Claims 3,5 (as far as it depends upon claim 3).
3. Claims 4,5 (as far as it depends upon claim 4).