



(11) **EP 1 659 614 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
10.06.2009 Bulletin 2009/24

(51) Int Cl.:
H01J 61/12^(2006.01)

(43) Date of publication A2:
24.05.2006 Bulletin 2006/21

(21) Application number: **05255050.6**

(22) Date of filing: **16.08.2005**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR**

Designated Extension States:
AL BA HR MK YU

(30) Priority: **17.08.2004 RU 2004125185
11.03.2005 US 77567**

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(54) **Gas discharges having emission in the UV-A range and fluorescent lamps incorporating same**

(57) A mercury-free EM radiation source comprises excited oxygen-, nitrogen-, or carbon-containing radicals emitting radiation in the wavelength range from about 254 nm to about 410 nm. A light source comprises such an EM radiation source and at least a photoluminescent

material that is capable of being excited by the EM radiation emitted by the source, and emitting EM radiation in the visible wavelength range.

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EUROPEAN SEARCH REPORT

Application Number
EP 05 25 5050

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 17 April 2009	Examiner Stavroulis, Stefanos
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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