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(11) **EP 1 503 428 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

published in accordance with Art. 158(3) EPC

Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A1)
INID code(s) 54

(51) Int Cl.7: **H01L 33/00**

(86) International application number:

PCT/JP2002/004179

(48) Corrigendum issued on:

27.04.2005 Bulletin 2005/17

(87) International publication number:

WO 2003/092081 (06.11.2003 Gazette 2003/45)

(43) Date of publication:

02.02.2005 Bulletin 2005/05

(21) Application number: **02720613.5**

(22) Date of filing: **25.04.2002**

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

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(54) **LIGHT-EMITTING DEVICE USING FLUORESCENT SUBSTANCE**

(57) A light emitting device related to the present invention, which has a semiconductor light emitting element and a phosphor which converts a part of the luminescence spectrum emitted from the semiconductor light emitting element, characterized in that the luminescence spectrum of the semiconductor light emitting element is located between a near ultraviolet region and a short-wavelength visible region, and the phosphor is made by adding a red luminescent activator to a base

material of a blue luminescent phosphor, thereby improving the color shading generated by the dispersion of the spectra of the light emitting elements and obtaining the light emitting device having a high brightness and a good color rendering properties. With this, it is possible to provide the light sources for the lighting apparatus of medical treatments, the flash plate of a copying machine, etc., in which a good color rendering property is required.

Fig. 1

