

Title (en)

Vacuum ultraviolet ray-excited light-emitting phosphor

Title (de)

Mit Vakuum-UV-Licht anregbarer Licht emittierender Leuchtstoff

Title (fr)

Materiau fluorescent excitable par les ultraviolets à vide et émettant de la lumière

Publication

**EP 1142976 B8 20071010 (EN)**

Application

**EP 01108526 A 20010404**

Priority

JP 2000104438 A 20000406

Abstract (en)

[origin: EP1142976A2] A vacuum ultraviolet ray-excited light-emitting phosphor comprising a compound represented by formula (BaxM<sub>1-x</sub>)<sub>1-0.25</sub>Mg<sub>1-y</sub>Al<sub>10+y</sub>O<sub>17+0.25y</sub> as a substrate, and Eu as an activator, wherein M represents Ca, Sr, or Ca and Sr, x and y satisfy the following relations, 0.5 ≤ x ≤ 1, and 0.05 ≤ y ≤ 0.15.

IPC 8 full level

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