

Title (en)

A GREEN EMITTING PHOSPHOR AND CATHODE RAY TUBE WITH SUCH A PHOSPHOR

Publication

EP 0114438 A3 19870506 (DE)

Application

EP 83201796 A 19831215

Priority

DE 3248448 A 19821229

Abstract (en)

[origin: US4559469A] A green emitting phosphor for heavily loaded cathode-ray tubes comprises a mixture of a deep-green and a yellowish-green emitting phosphor. Mixtures of $\text{Zn}_2\text{SiO}_4\text{:Mn}$ and at least one phosphor from the group comprising $\text{Y}_2\text{SiO}_5\text{:Tb}$; $\text{X}_2\text{O}_2\text{S:Tb}$; ES:Ce and XOZ:Tb , where $\text{X}=\text{Y}$, La , Gd , Lu ; $\text{E}=\text{Ca}$, Sr , Ba ; and $\text{Z}=\text{Cl}$, Br , I , F ; satisfy, as FIG. 1 illustrates for a few examples, the EBU specification.

IPC 1-7

H01J 29/18; **H01J 29/20**

IPC 8 full level

C09K 11/08 (2006.01); **C09K 11/59** (2006.01); **C09K 11/86** (2006.01); **H01J 29/18** (2006.01); **H01J 29/20** (2006.01)

CPC (source: EP US)

H01J 29/187 (2013.01 - EP US); **H01J 29/20** (2013.01 - EP US)

Citation (search report)

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- [X] PATENTS ABSTRACTS OF JAPAN, Band 7, Nr. 17 (E-154)[1162], 22 Januar 1983; & JP-A-57 174 832 (TOKYO SHIBAURA DENKI K.K.) 27-10-1982
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