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METHOD FOR RECLAIMING PIGMENT-ATTACHED RED-EMITTING PHOS
ABSTRACT

A method for reclaiming a pigment-attached red-emitting phosphor recovered from a manufacturing process for a color picture tube, which comprises treating the phosphor with an aqueous solution containing NaOH, NaClO and H₂O₂ and then treating it with a weak acid, whereby the pigment can be prevented from exfoliation by suppressing the dissolution of the binder which attaches the pigment to the phosphor, and blue- and green-emitting phosphors contained as contaminants in the recovered red-emitting phosphor can be completely removed. The method provides a reclaimed red-emitted phosphor with high luminance and a good coating property.

This Sheet Has Been Replaced

