

Title (en)

FIELD EMISSION DISPLAYS WITH PRASEODYMIUM-MANGANESE OXIDE LAYER

Title (de)

FELDEMISSIONSANZEIGEVORRICHTUNGEN MIT PRASEODYM-MANGAN-OXID-SCHICHT

Title (fr)

SYSTEMES DE VISUALISATION A EMISSION PAR EFFET DE CHAMP AVEC COUCHE D'OXYDE DE PRASEODYME-MANGANESE

Publication

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Application

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Abstract (en)

[origin: WO9743781A2] A conductive, light-absorbing baseplate for use in a field emission display is disclosed. The interior surface of the baseplate is coated with a praseodymium-manganese oxide layer having a resistivity that does not exceed  $1 \times 10^{<5>}$  OMEGA .cm. A field emission display is also disclosed which comprises the conductive, light-absorbing baseplate, as well as processes for manufacturing the baseplate, field emission display and the conductive, light-absorbing praseodymium-manganese oxide material used to coat the baseplate.

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