Title (en)

A thin film electroluminescent display device.

Title (de)

Dünnschicht-Elektrolumineszenzanzeige.

Title (fr)

Dispositif d'affichage électroluminescent à film mince.

Publication

EP 0140246 A1 19850508 (EN)

Application

EP 84112241 A 19841011

Priority

US 54022383 A 19831011

Abstract (en)

A thin film electroluminescent display device comprising a transparent electrode layer, a segmented electrode layer, an electroluminescent phosphor layer between the electrode layers, and an improved dark field material disposed as a layer between the phosphor and segmented electrode layers. The improved dark field layer is of a composition of a dielectric material, such as the preferred magnesium oxide, and a noble metal, which in the preferred version is gold. These materials comprising the dark field composition may be co-evaporated by an electron beam evaporation or other suitable deposition technique. The composition of dark field material provides for contrast enhancement is non-toxic, and is readily analyzable.

IPC 1-7

H05B 33/22

IPC 8 full level

H05B 33/22 (2006.01)

CPC (source: EP)

H05B 33/22 (2013.01)

Citation (search report)

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BE DE FR GB NL

DOCDB simple family (publication)

EP 0140246 A1 19850508; **EP 0140246 B1 19870916**; CA 1243762 A 19881025; DE 3466342 D1 19871022

DOCDB simple family (application)

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