

Title (en)

Thin film electroluminescent layer material.

Title (de)

Dünnschicht-Elektrolumineszenzlagenmaterial.

Title (fr)

Matériau pour couche électroluminescente à film mince.

Publication

**EP 0249942 A2 19871223 (EN)**

Application

**EP 87108638 A 19870616**

Priority

JP 14147386 A 19860619

Abstract (en)

Disclosed is a thin film electroluminescent layer of a thin film electroluminescent device comprising, as a light-emitting medium, a body of a mixture of ZnS and at least one sulfide selected from MgS, CaS, SrS and BaS. The ZnS and the selected sulfide are doped with a transition metal or rare earth element which is optically active in the matrix. This EL device has good moisture resistance and weatherability and is capable of emitting a color with a high brightness.

IPC 1-7

**C09K 11/56**; **C09K 11/61**; **C09K 11/84**; **H05B 33/14**

IPC 8 full level

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CPC (source: EP)

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