

Title (en)
ELECTROLUMINESCENT SYSTEM

Title (de)
ELEKTROLUMINESZIERENDES SYSTEM

Title (fr)
SYSTEME ELECTROLUMINESCENT

Publication
EP 0753035 A1 19970115 (DE)

Application
EP 95942023 A 19951219

Priority
• DE 9501821 W 19951219
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Abstract (en)
[origin: US5767622A] PCT No. PCT/DE95/01821 Sec. 371 Date Aug. 15, 1996 Sec. 102(e) Date Aug. 15, 1996 PCT Filed Dec. 19, 1995 PCT Pub. No. WO96/23044 PCT Pub. Date Aug. 1, 1996An electroluminescent system, includes a light emitting substance which emits light when an electric voltage is applied thereto and which contains (a) inorganic particles which are clustered to provide inorganic clusters; and (b) organic ligand envelopes which are composed of an organic ligand material and which each envelope an inorganic cluster whereby the inorganic clusters are stabilized. The light emitting substance may additionally contain organic molecule chains which connect organic ligand envelopes to one another. Thus, the inorganic clusters are spaced apart by a spacing which may be preselected by providing organic molecule chains having a preselected number of atoms in the organic molecule chains.

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C09K 11/02; **H05B 33/20**; **H05B 33/26**

IPC 8 full level
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