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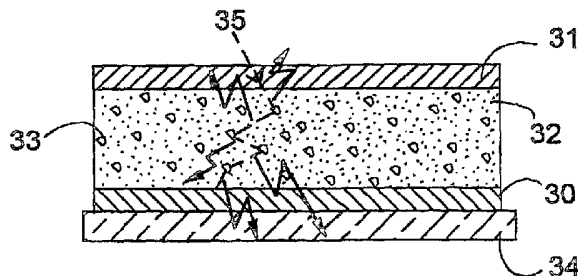
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(54) Title: MULTI-STEP ORGANIC LIGHT-EMISSIVE DEVICES



(57) Abstract: A light-emissive device comprising: first and second electrodes (30,31) and a light-emissive layer (32) located between the electrodes and comprising organic light-emissive material including a plurality of particles (33) spaced apart by the light-emissive material, at least some of the particles being capable of injecting positive charge carriers into the light-emissive material and at least some of the particles being capable of injecting negative charge carriers into the light-emissive material; whereby electrical charge may pass between the electrodes via at least some of the particles to cause light to be emitted by the light-emissive material between those particles.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L51/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 958 573 A (LAMPE-ONNERUD CHRISTINA ET AL) 28 September 1999 (1999-09-28)	1,2,15
Y	column 11, line 22 - line 35; figure 3 column 6, line 8	11-14
Y	--- YANG Y ET AL: "FABRICATION AND CHARACTERISTICS OF ZNS NANOCRYSTALS/POLYMER COMPOSITE DOPED WITH TETRAPHENYLBENZIDINE SINGLE LAYER STRUCTURE LIGHT-EMITTING DIODE" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US, vol. 69, no. 3, 15 July 1996 (1996-07-15), pages 377-379, XP000626017 ISSN: 0003-6951 the whole document --- -/--	1,15

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

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INTERNATIONAL SEARCH REPORT

Intern Application No

PCT/GB 02/03459

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	<p>WO 00 76009 A (CARTER JULIAN ;CAMBRIDGE DISPLAY TECH (GB); HEEKS STEPHEN KARL (GB) 14 December 2000 (2000-12-14) the whole document</p>	11-14
A	<p>WO 00 04593 A (TESSLER NIR ;HO PETER (GB); CAMBRIDGE DISPLAY TECH (GB); FRIEND RI) 27 January 2000 (2000-01-27) page 10, line 10 - line 13</p>	
A	<p>EP 0 777 279 A (BAYER AG) 4 June 1997 (1997-06-04) the whole document</p>	
A	<p>DATABASE INSPEC 'Online! INSTITUTE OF ELECTRICAL ENGINEERS, STEVENAGE, GB; CHANDRAKANTHI R L N ET AL: "Preparation and characterization of CdS and Cu/sub 2/S nanoparticle/polyaniline composite films" Database accession no. 7624460 XP002245816 abstract</p>	
A	<p>-& INTERNATIONAL CONFERENCE ON MATERIALS FOR ADVANCED TECHNOLOGIES (ICMAT-2001) SYMPOSIUM G: PLASTIC ELECTRONICS - MATERIALS AND DEVICES, SINGAPORE, 1-6 JULY 2001, vol. 417, no. 1-2, pages 51-56, XP004387705 Thin Solid Films, 30 Sept. 2002, Elsevier, Switzerland ISSN: 0040-6090</p>	

INTERNATIONAL SEARCH REPORT

Interr Application No

PCT/GB 02/03459

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MATTOUSSI H ET AL: "Composite thin films of CdSe nanocrystals and a surface passivating/electron transporting block copolymer: Correlations between film microstructure by transmission electron microscopy and electroluminescence" JOURNAL OF APPLIED PHYSICS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 86, no. 8, 15 October 1999 (1999-10-15), pages 4390-4399, XP002237381 ISSN: 0021-8979 the whole document -----</p>	2,5

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