

Title (en)

Multicolour electroluminescent flat panel display having a memory effect.

Title (de)

Mehrfarbiger Elektrolumineszenz-Flachbildschirm mit Speichereffekt.

Title (fr)

Ecran plat d'affichage polychrome électroluminescent à effet mémoire.

Publication

EP 0384829 B1 19940720 (FR)

Application

EP 90400462 A 19900220

Priority

FR 8902222 A 19890221

Abstract (en)

[origin: EP0384829A1] This screen comprises, on an insulating substrate (38), a single electroluminescent layer (34) and at least one photoconducting layer (32) stacked on top of each other. The latter two layers are sandwiched between a first system (36) of transparent electrodes and a second system (30) of electrodes, connected to an electrical unit (45) so as to excite certain regions of the electroluminescent layer. The electroluminescent layer (34) consists of a white phosphor. At least two series of colour filters (40 - 42) are placed between the electroluminescent layer (34) and the viewer. <IMAGE>

IPC 1-7

G09G 3/30; **H05B 33/14**

IPC 8 full level

G09F 9/33 (2006.01); **G09G 3/30** (2006.01); **H05B 33/12** (2006.01)

CPC (source: EP)

G09F 9/33 (2013.01); **G09G 3/30** (2013.01); **H05B 33/12** (2013.01); **G09G 2300/0885** (2013.01); **G09G 2360/148** (2013.01)

Citation (examination)

- EP 0259213 A1 19880309 - THIOULOUSE PASCAL
- SID INTERNATIONAL SYMPOSIUM, DIGEST OF TECHNICAL PAPERS Mai 1988, pages 293-296, CA, US; S. TANAKA et al.: "Bright White-Light Electroluminescent Devices with New Phosphor Thin-Films Based on Srs"

Cited by

GB2312326A; GB2312326B; US6091382A; EP1079668A3; US7871714B2; US6188175B1; WO02071311A3; WO9633594A1; WO9724907A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0384829 A1 19900829; **EP 0384829 B1 19940720**; DE 69010712 D1 19940825; DE 69010712 T2 19950112; FR 2643488 A1 19900824; FR 2643488 B1 19940429; JP H02273496 A 19901107

DOCDB simple family (application)

EP 90400462 A 19900220; DE 69010712 T 19900220; FR 8902222 A 19890221; JP 3852290 A 19900221