

Title (en)

CHARGE MAINTAINING SEMICONDUCTOR DEVICE FOR LIQUID CRYSTAL DISPLAY

Title (de)

LADUNGSERHALTUNGSHALBLEITERANORDNUNG FÜR EINE FLÜSSIGKRISTALLANZEIGE

Title (fr)

PROCEDES ET APPAREIL DESTINES A UN AFFICHAGE COMPATIBLE AVEC UNE LARGE GAMME DE MATERIAUX A CRISTAUX LIQUIDES

Publication

**EP 1295168 A2 20030326 (EN)**

Application

**EP 01951101 A 20010629**

Priority

- US 0141236 W 20010629
- US 60768100 A 20000630

Abstract (en)

[origin: WO0203127A2] A liquid crystal display is described which is suitable for use with a wide range of liquid crystal materials. A liquid crystal on silicon display includes a semiconductor device which is configured such that the charge associated with individual pixels is maintained, and hence liquid crystal materials (and other components of the display) with low charge-hold ratios (CHR) may be used. The semiconductor device comprises, for example, a static random access memory device (SRAM), for example, a six-transistor (6-T) SRAM.

IPC 1-7

**G02F 1/1362**

IPC 8 full level

**G02F 1/1362** (2006.01)

CPC (source: EP KR)

**G02F 1/133** (2013.01 - KR); **G02F 1/136277** (2013.01 - EP)

Citation (search report)

See references of WO 0203127A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0203127 A2 20020110; WO 0203127 A3 20020530**; AU 7203001 A 20020114; EP 1295168 A2 20030326; KR 20020070959 A 20020911

DOCDB simple family (application)

**US 0141236 W 20010629**; AU 7203001 A 20010629; EP 01951101 A 20010629; KR 20027002830 A 20020228