

Title (en)

Method and device for stabilizing a display against temperature dependent contrast variations

Title (de)

Verfahren und Vorrichtung zum Stabilisieren einer Anzeige gegen temperaturabhängige Kontraständerungen

Title (fr)

Procédé et dispositif de stabilisation du contraste d'un affichage par rapport aux variations dépendant de température

Publication

**EP 1437709 A1 20040714 (EN)**

Application

**EP 03000453 A 20030110**

Priority

EP 03000453 A 20030110

Abstract (en)

The method involves controlling the display (5) by display drive signals. The signals include a temperature dependant contrast control signal (VLCD) generated by a display controller being timed with the output of a local oscillator (fosc2). The contrast control signal varies with the temperature dependant frequency variation of the local oscillator output signal. An independent claim is also included for a display device.

IPC 1-7

**G09G 3/36**

IPC 8 full level

**G09G 3/36** (2006.01)

CPC (source: EP)

**G09G 3/3611** (2013.01); **G09G 2320/0285** (2013.01); **G09G 2320/041** (2013.01); **G09G 2320/066** (2013.01)

Citation (search report)

- [DYA] DE 4239522 A1 19940526 - VDO SCHINDLING [DE]
- [X] WO 0036583 A2 20000622 - KOPIN CORP [US], et al
- [A] EP 1158484 A2 20011128 - SEIKO EPSON CORP [JP]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04 31 August 2000 (2000-08-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 073 (P - 830) 20 February 1989 (1989-02-20)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 059 (P - 826) 10 February 1989 (1989-02-10)

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**EP 1437709 A1 20040714**; WO 2004064032 A1 20040729

DOCDB simple family (application)

**EP 03000453 A 20030110**; EP 0314189 W 20031210