

Title (en)

Method and apparatus for power control in a display device

Title (de)

Verfahren und Vorrichtung zur Steuerung der Leistung einer Anzeigevorrichtung

Title (fr)

Procédé et appareil pour le contrôle de la puissance dans un dispositif d'affichage

Publication

**EP 1798714 A1 20070620 (EN)**

Application

**EP 06123242 A 20061031**

Priority

- EP 05292395 A 20051110
- EP 06123242 A 20061031

Abstract (en)

The invention relates to a new method for power level control of a display device and an apparatus for carrying out the method. Classically, the contrast/brightness control and the power management (based on an average power level control) are made independently. These two controls can be contradictory. According to the invention, the power level mode and more particularly the number of sustain pulses within the video frame is selected as a function of the average power level (APL) of the picture to be displayed and the picture control signal representing the desired contrast and/or brightness value.

IPC 8 full level

**G09G 3/28** (2006.01); **G09G 3/288** (2006.01); **G09G 3/294** (2013.01)

CPC (source: EP)

**G09G 3/2944** (2013.01); **G09G 2320/0626** (2013.01); **G09G 2360/16** (2013.01)

Citation (search report)

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- [A] EP 0841652 A1 19980513 - FUJITSU LTD [JP]
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Citation (examination)

- EP 1321923 A1 20030625 - NEC VIEWTECHNOLOGY LTD [JP]
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DOCDB simple family (publication)

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