

Title (en)

Method and device for compensating effect of differences in subfield load

Title (de)

Methode und Vorrichtung zur Reduzierung der Auswirkungen von Unterschieden in der Belastung von Teilbildern

Title (fr)

Méthode et dispositif pour réduire les effets des différences de charge des sous trames

Publication

**EP 1544838 A1 20050622 (EN)**

Application

**EP 03293195 A 20031217**

Priority

EP 03293195 A 20031217

Abstract (en)

The present invention relates to a method for compensating load effect in a display panel with persistent luminous elements. The method comprises the following steps : encoding the picture data into subfield data, calculating the load of each subfield on the basis of said subfield data, and adjusting the number of sustain pulses of each subfield on the basis of its load in order to have a relation of proportionality between the luminance produced by the persistent luminous elements for the subfield and its weight. <IMAGE>

IPC 1-7

**G09G 3/28**

IPC 8 full level

**G09G 3/20** (2006.01); **G09G 3/294** (2013.01)

CPC (source: EP)

**G09G 3/2029** (2013.01); **G09G 3/2051** (2013.01); **G09G 3/2946** (2013.01); **G09G 2320/0285** (2013.01); **G09G 2320/0626** (2013.01); **G09G 2360/16** (2013.01)

Citation (search report)

- [XY] US 6104362 A 20000815 - KURIYAMA HIROHITO [JP], et al
- [Y] EP 0841652 A1 19980513 - FUJITSU LTD [JP]
- [A] EP 0653740 A2 19950517 - FUJITSU LTD [JP]
- [A] EP 1345199 A2 20030917 - FUJITSU HITACHI PLASMA DISPLAY [JP]
- [A] US 5343215 A 19940830 - TANAKA AKIO [JP]

Cited by

EP1914706A3; EP1914706A2; CN106095357A; CN106095358A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1544838 A1 20050622**

DOCDB simple family (application)

**EP 03293195 A 20031217**